

ARMY

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REGULAR

JOURNAL.

NAVY

AND VOLUNTEER
FORCES.VOLUME XXXI.—NUMBER 20
WHOLE NUMBER 1865.

NEW YORK, SATURDAY MARCH 17, 1894.

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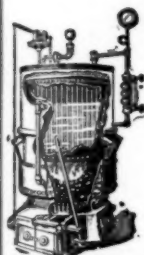
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Also see ARMY AND NAVY JOURNAL of March 25, May 2, and July 4, 1891.

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ADVICE AND ESTIMATES FURNISHED FOR EQUIPMENT OF NAVAL VESSELS, LAND FORCES, AND FORTIFICATIONS.

The *Pharmaceutical Era* for Feb. 1 contains a fine likeness of Prof. Ira Remsen, of Johns Hopkins University, the most distinguished of American chemists in the department of purely theoretical chemistry and advanced organic research. It publishes also a full page illustration of the fourteen handsome gentlemen who form the executive staff of Dolber-Goodale Co., Proprietors of Mellin's Food. The *Era* also gives a report of the annual dinner of the Dolber-Goodale Co., which was held at the Parker House, Boston, where the fare did not consist altogether of Mellin's Food, excellent as that is. With abundant good cheer, speeches and music, and cheers for Mr. Dolber and for Mellin's, a pleasant evening was passed and the agreeable relations maintained between the principals and their employees were strengthened and extended.

After the complete success of fifty-six years' experience in the manufacture of leather preparations, the Frank Miller Company, of New York, have reason to be especially gratified at the awarding to them of the only medal which was given for Harness Dressing by the World's Columbian Exposition at Chicago in 1893. The various qualities possessed by Frank Miller's Harness Dressing over the many others in competition were expressed by the Committee on Awards as follows: "For Harness Dressing of a preservative nature that imparts a

beautiful jet-black gloss, is not affected by climate or age, has great covering power, is damp proof and will not rub off or collect dust." These qualities are essential in any preparation for use on military equipments, and that these qualities are appreciated by the Army is proven by large demands and continual use.

ATTENTION! GEORGE SAX.

To the Editor of the Army and Navy Journal:

Geo. SAX was supposed to have enlisted in the U. S. Army, at Buffalo, about Aug. 1892, but the recruiting officers here have no record of the same; consequently he must have entered under an assumed name. If you could through the medium of your paper induce him to correspond with the writer, you would confer a kindness, also it would be of benefit to said Geo. SAX. P. A. LITTLE.

"Do you want to know how to tell which is your left foot so you won't make any more mistakes?" asked the corporal of a member of the 7th Regiment squad which he was drilling. "Yes," was the reply, "I'd like to know very much." "Well, don't move your right foot. The other one is your left foot."—*Texas Siftings*.

One of the most creditable chapters in the history of our ordnance development has been the improvement of steel and steel armor through the efficient co-operation of the Bethlehem Iron Company with the officers of our Navy, who had a sympathetic ally in one of their own class, Mr. W. H. Jaques, now of the Bethlehem Company and formerly a lieutenant in the Navy. The results accomplished at Bethlehem become more noteworthy when we contrast them with efforts in the same line made by powerful rivals.

MILITARY AND NAVAL INVENTIONS.

The following list of patents granted March 13, 1894, for inventions relative to the Army and Navy is reported especially for the ARMY AND NAVY JOURNAL by Glasscock and Company, Patent Attorneys, Washington, D. C., of whom printed copies can be had for 15 cents each:

F. Weikermann, Pittsburgh, Pa., recoil operated firearms.

J. Stabel, Wollishofen, Switzerland, device for lessening the noise of fire-arms.

W. K. Hogan, Bradford, Pa., reciprocating propeller for vessels.

A. H. Carpenter, Stockton, Cal., marine propeller.

W. H. Witte, Long Island City, N. Y., means for propelling vessels.

E. M. Couch, Northampton, Mass., cylinder actuating mechanism for revolvers.

T. H. Willson, Odessa, Mo., torpedo signal mechanism.

S. Lacavalier, Caracas, Venezuela, marine vessel.

H. M. Chapman, Trimley, Eng., explosive.

Beecham's pills are for biliousness, bilious headache, dyspepsia, heartburn, torpid liver, dizziness, sick headache, bad taste in the mouth, coated tongue, loss of appetite, sallow skin, when caused by constipation; and constipation is the most frequent cause of all of them.

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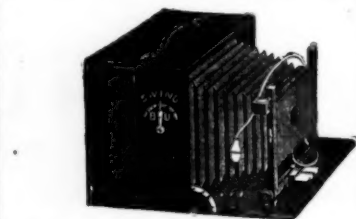
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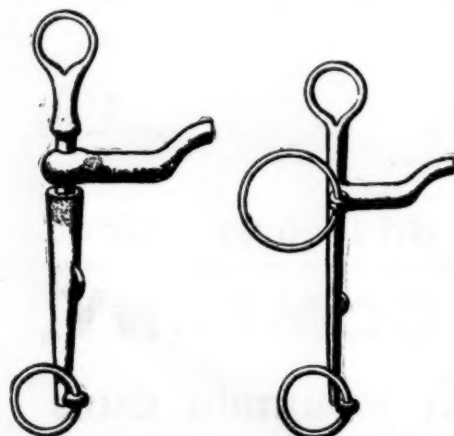
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Camera has Reversible back, Swing back, Achromatic Rapid Rectilinear Lens. Made in two sizes. For hand or tripod. For photo 4 1/2 x 6 1/2 camera 7 1/2 x 10 1/2 inches. For photo 5 1/2 x 7 1/2 camera 8 1/2 x 10 1/2 inches. **\$15** For photo 4 1/2 x 6 1/2 inches. **\$25** For photo 5 1/2 x 7 1/2 inches.

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Pay Department

Leave for one month is granted Major J. S. Wit-

cher, with permission to apply for an extension of

one month (S. O. 13, March 6, D. Colorado.)

Medical Department

The following changes of station and assignments

to duty of enlisted men of the Hospital Corps are

made: Pvt. Charles M. Tipton, from Fort Sheri-

dan, Ill., to Fort Riley, Kas.; James G. Robinson,

assigned to Fort Snelling and detailed as acting

hospital steward; Charles McGregor, assigned to

Fort Custer, Mont., and detailed as acting hospital

steward; George H. Arnold, from Angel Island,

Cal., and detailed as acting hospital steward at

Fort Townsend, Wash., where he will relieve Hosol.

Stud. Smith McDoulin, who will proceed to Fort

Apache, A. T., to relieve Hospital Steward, Saun-

ders. The latter will proceed to J. H. Barracks,

Mo., for duty (S. O., March 10, H. Q. A.)

Pvt. Patrick Haughey, Hospital Corps, will be

sent to Fort Logan, Colo., for duty (S. O. 22, March

6, D. Mo.)

A furlough will be granted from March 15, to

Hospital Steward S. Walter Reynolds (S. O. 23, March

8, D. Mo.)

The following changes in the stations and duties

of officers of the Medical Department: 1st Lieut.

Paul F. Straub, asst. surg., will be relieved from

duty at Fort Riley, Kas., and will report at San

Carlos, A. T., for duty, relieving 1st Lieut. Harlan

E. McVay, who will report at Waipapa Bks., A. T.,

for duty (S. O., March 12, H. Q. A.)

Major John H. Bartholf, asst. surg., is retired from

active service (S. O., March 13, H. Q. A.)

Hospital Steward Edward J. Wagoner, now at Fort

Wayne, Mich., will proceed to Fort Mackinac for

duty (S. O., March 13, H. Q. A.)

Leave for six months, to take effect about May 1,

with permission to go beyond sea, is granted Capt.

Walter W. R. Fisher, asst. surg. (S. O., March 1,

H. Q. A.)

Capt. R. J. Gibson, asst. surg., Fort Sam Houston,

will proceed to Leon Springs, Tex., on public busi-

Bennett Building, Nassau, Cor. Fulton St.

THE ARMY.

GROVER CLEVELAND, President, and Commander-in-Chief of the Army and Navy.

DANIEL S. LAMONT, Secretary of War.

JOSEPH B. DOE, Assistant Secretary of War.

CONFIRMATIONS—MARCH 15.

Quartermaster's Department.

1st Lieut. Robert H. Stevens, 6th Inf., A. Q. M., with rank of captain Feb. 20, 1894, vice Barnett.

Cavalry Arm.

2d Lieut. John M. Jenkins, 5th Cav., to be 1st lieutenant Feb. 16, 1894, vice Reber.

2d Lieut. Stephen H. Elliott, 5th Cav., to be 1st lieutenant Feb. 12, 1894, vice Finley.

Infantry Arm.

Lieut.-Col. Alfred T. Smith, 8th Inf., to be colonel March 1, 1894, vice Bryant; Maj. George M. Randall, 4th Inf., to be lieutenant colonel March 1, 1894, vice Smith; Capt. Gilbert S. Carpenter, 14th Inf., to be major March 1, 1894, vice Randall; 3d Lieut. George E. French, 4th Inf., to be 1st lieutenant March 1, 1894, vice Churchill; 3d Lieut. Frank Owen, 8th Inf., to be 1st lieutenant March 1, 1894, vice Gustin.

NONINATIONS—MARCH 14.

Artillery Arm.

Capt. Carl A. Woodruff, 21 Art., to be major, March 8, 1894, vice Throckmorton, 21 Art., retired from active service.

1st Lieut. Alexander D. Schenck, to be captain March 8, 1894, vice Woodruff, 21 Art., promoted.

2d Lieut. Herman C. Schumm, 21 Art., to be 1st lieutenant, March 8, 1894, vice Schenck, 21 Art., promoted.

Quartermaster's Department.

1st Lieut. Frederick G. Hodgson, 6th Cav., to be A. Q. M. with the rank of captain, March 13, 1894, vice Floyd, deceased.

Medical Department.

Capt. James O. Merril, asst. surg., to be surgeon with the rank of major, March 13, 1894, vice Bartholf, retired from active service.

Infantry Arm.

Capt. Abram Harbach, 20th Inf., to be major, March 12, 1894, vice Rose, 18th Inf., retired from active service.

1st Lieut. Frederick D. Sharp, 20th Inf., to be captain, March 12, 1894, vice Harbach, 20th Inf., promoted.

CIR. 1, DEPT. MISSOURI, March 5, 1894.

Announces that Circular No. 7, series 1888, these headquarters, is revoked.

CORPS AND STAFF DEPARTMENTS.

Quartermasters and Subsistence Departments

Comy.-Sergt. Chas. Harney will proceed without delay to Camp Pilot Butte, Wyo. (Orders 17, March 2, Jackson Bks.)

Pay Department

Leave for one month is granted Major J. S. Wit-

cher, with permission to apply for an extension of

one month (S. O. 13, March 6, D. Colorado.)

Medical Department

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Walter W. R. Fisher, asst. surg. (S. O., March 1,

H. Q. A.)

THE LINE.

The Stations of Companies not mentioned here will be

found by reference to last number of the JOURNAL.

1st Cavalry, Colonel Abraham K. Arnold.

Hdgrs., E. F. G. H. and K. Ft. Grant; G. Ft. Apache, B

and I, Ft. Bayard, N. M.; J. San Carlos, A. T.; L. Ft. Custer,

Mont.; M. Ft. Mescal, Va.—Indian troops.

Leave for one month is granted 1st Lieut. Geo. L.

Byram (S. O., March 14, H. Q. A.)

Lance Corp. E. M. Robinson, Troop C, was on

March 3 appointed corporal, vice McCowan, pro-

moted.

2nd Cavalry, Colonel George G. Hunt.

Hdgrs., A, C, D, G, H, and I, Ft. Wingate, N. M.; E and K

Ft. Huachuca, Ariz.; B and J, Ft. Bowie, Ariz.; F, Ft. Leaven-

worth, Kas.—Indian troops.

Leave for two months on surgeon's certificate is

granted Capt. Frank U. Robinson (S. O., March 10,

H. Q. A.)

4th Cavalry, Colonel Chas. E. Compton.

Hdgrs., A, B and H, Ft. Walla Walla, Wash.; G, Ft.

Sherman, Idaho; E, Vancouver Bks., Wash.; F, Boise Bks.,

Idaho; I, C. I. and K, Presidio of San Francisco, Cal.

21 Lieut. Clough Overton is relieved from duty at

Vancouver Bks. and will join his troop (D) at Fort

Walla Walla, Wash. (S. O. 33, March 5, D. Columbia.)

Michael Quirk, arrested last week on complaint

of Lieut. Rives, Fort Apache, Ariz., charged with

having assaulted Sergt. Frede, Troop D, last July,

has been discharged from custody, the Government

producing no witnesses.

5th Cavalry, Colonel James F. Wade.

Hdgrs., G and D, Ft. McIntosh, Tex.; A and H, Fort Sam

Houston, Tex.; B, Ft. Clark, Tex.; F, Camp Eagle Pass, Tex.

K and I, Ft. Ringgold, Tex.; J and M, Ft. Brown, Tex.

6th Cavalry, Colonel David S. Gordon.

Hdgrs., A, E, G, H, K, and L, Ft. Niobrara, Neb.; C, Ft

McKinney, Wyo.; D and F, Fort Yellowstone, Wyo.; M, Ft

Washakie, Wyo.; N, Fort Leavenworth, Kas.—Indian troops.

Sergt. Shaeffer, retired a few days ago, was highly

honored by the members of his former troop, F, in

having presented to him a fine gold-headed cane

and meerschaum pipe. The presentation was made

by Capt. Carter.

7th Cavalry, Colonel James W. Forsyth.

Hdgrs., A, E, H and I, Ft. Riley, Kas.; B and K, Ft. Sheri-

dan, Ill.; C, Ft. Hancock, Tex.; D, Ft. Sam Houston, Tex.; F,

Fort Myer, Va.; G, Ft. Clark, Tex.; L, Ft. Sill, Okla. T.—Indian

troop.

1st Lieut. Hugh L. Scott will proceed from Fort

Sill, O. T., to Washington, D. C., on public business

(S. O. 23, March 8, D. Mo.)

The extension of leave granted Major Samuel M.

Whitely is further extended one month on account

of sickness (S. O., March 14, H. Q. A.)

8th Cavalry, Colonel Caleb H. Carlton.

Hdgrs., A, B, C, E, I, and K, Ft. Meade, S. D.; D, Ft

Leavenworth, Kas.; J, Ft. Custer, Mont.; F and G, Ft. Yates

N. D.; H, Ft. Myer, Va.—Indian troops.

Leave for one month, to take effect about March

15, is granted Col. Caleb H. Carlton, Fort Meade,

S. D. (S. O. 28, March 3, D. Dak.)

Capt. John Guest will report to Col. Henry W.

Closson, 4th Art., president of the Retiring Board at

Washington Bks., D. C., for examination by the

board (S. O., March 13, H. Q. A.)

9th Cavalry, Colonel James Biddle.

Hdgrs., A, D, E, F, G and I, Ft. Robinson, Neb.; B and H

Fort Du Chene, Utah; C, Ft. McKinney, Wyo.; K, Fort Myer

Va.

Leave for one month is granted Capt. Jos. Gar-

rard, Fort Robinson, Neb., with permission to ap-

ply for an extension of two months (S. O. 21, March

5, D. Platte.)

10th Cavalry, Colonel John K. Mizner.

Hdgrs., B, E, G and K, Ft. Custer, Mont.; C and F, Ft. Assin-

iboine, Mont.; I, Ft. Leavenworth, Kas.; D and H, Ft. Buford

N. D.; A, Ft. Keogh, Mont.

Leave for one month, to take effect about April 1,

with permission to apply for an extension of three

months, is granted Major Stevens T. Norvell, Fort

Custer, Mont. (S. O. 31, March 7, D. Dak.)

11th Cavalry, Colonel Loomis L. Langdon.

Hdgrs., A, G, I, and K, Ft. Hamilton, N. Y. H.; C, D, and L,

Ft. Wadsworth, N. Y. H.; E, Ft. Sheridan, Ill.; B, H, and M,

Ft. Columbus, N. Y. H.; F, Ft. Monroe, Va.—Light battery.

The following are detailed to compose the Regi-

mental Board to conduct battery competitions: 1st

Lieut. Albert Todd, John V. White and Frederick

March (Orders 11, March 12, 1st Art.)

1st Lieut. G. W. S. Stevens is detailed J. A. of the

G. C. M. at Fort Columbus (S. O. 55, March 15, D.

East.)

Until further orders, the state of roads permit-

ting, the light battery will daily, Saturdays and

Sundays excepted, make a short march, starting

out immediately after guard mounting and remain-

ing out an hour and a half the first day, increasing

this time daily by 10 minutes until the time occupied

by the march reaches 11.45 A. M. (Orders 49, March

9, Fort Hamilton.)

2nd Artillery, Colonel Richarda Ledor.

Hdgrs., C, G, and M, Ft. Adams, R. I.; K, Ft. Tremblay, Conn.

K, Ft. Preble, Me.; B and D, Ft. Warren, Mass.; A* and F,*

Ft. Riley, Kan.; J, Ft. Monroe, Va.; H and L, Ft. Schuyler

N. Y.—Light battery.

The unexecuted portion of sentence of G. C. M. in

case of Major C. B. Throckmorton is remitted and

he is retired from active service under Section 1243,

R. S. (S. O. 57, March 8, H. Q. A.)

The leave for seven days taken March 10 by Col.

Richard Ledor, commanding Fort Adams, R. I., is

extended twenty days (S. O. 52, March 12, D. East.)

3rd Artillery, Colonel La Rhett L. Livingston

22nd Infantry, Colonel Peter T. Swaine.
Hqrs., A. B. C. D. P. and H. Ft. Keogh, Mont.; E. Fort Pembina, N. D.; G. Camp Merritt, Mont.
The leave for seven days granted 2d Lieut. Thos. M. Moody is extended eight days (S. O. 31, March 7, D. Dak.)

23rd Infantry, Colonel John J. Coppinger.
Hqrs., A. C. E. F. G. and H. Ft. Sam Houston, Tex.; B and D, Ft. Bliss, Tex.

Capt. E. B. Bolton, now at Fort Sam Houston, will proceed to old Fort Bliss, Tex., for duty with Co. D/8. (O. 20, March 8, D. Tex.)

Capt. R. I. E. Kridge and 1st Lieut. W. A. Nichols, Q. M., Fort Sam Houston, will proceed to Leon Springs, Tex., and return, on public business (S. O. 21, March 9, D. Tex.)

24th Infantry, Colonel Zenas R. Bliss.
Hqrs., D. E. F. and G. Ft. Bayard, N. M.; A. B. C. and H. Ft. Huachuca, A. T.

The following transfers are made: 1st Lieut. Charles F. Dodge, Jr., from Co. F to G, and Harry C. Keene, Jr., from Co. G to F (S. O., March 12, H. Q. A.)

Appointments, etc., recorded in the A.-G. O., March 12, 1894.

RETIREMENT.

On his own application, after 30 years' service, section 1243, Revised Statutes.

Major Charles B. Throckmorton, 2d Art., March 8, 1894.

CASUALTIES.

Capt. Marcus W. Lyon, Ord. Dept., resigned March 8, 1894.
Capt. Daniel H. Floyd, A. Q. M., died March 10, 1894, at Indianapolis, Ind.

Sergt. James Fitzpatrick (retired), died March 6, 1894, at Soldiers' Home, Washington, D. C.

Courts-martial.

The following courts have been ordered:

So much of the sentence of G. C. M. in the case of Major Charles B. Throckmorton, 2d Art., promulgated and mitigated in G. C. M. O. No. 28, March 28, 1892, H. Q. A., and reduced by S. O. 55, Feb. 15, 1893, H. Q. A., as remains unexecuted, is remitted. Major Throckmorton, having served over 30 years in the Army, on his own application, retired from active service (S. O., March 8, H. Q. A.)
At New Fort Bliss, Tex., March 14, Detail: Capt. W. H. McLaughlin, C. B. Hinton and O. B. Warwick, 1st Lieut. J. H. Duval and F. M. M. Beall, 2d Lieut. G. D. Moore and J. H. G. Lefelle, 18th Inf., and 2d Lieut. F. D. Evans, 18th Inf., J. A. (S. O. 21, March 9, D. Tex.)
At West Point, N. Y., March 16, Detail: Capt. Wm. F. Spaulding, 21st Inf.; 1st Lieut. Henry C. Newcomer and Mason M. Patrick, C. E.; Samuel D. Freeman, 10th Cav.; Edmund D. Smith, 19th Inf.; Wilda P. Richardson, 8th Inf.; Wm. H. Allaire, 28th Inf.; Barrington K. West and James A. Cole, 6th Cav.; Austin H. Brown, 4th Inf.; Benjamin A. Poore, 6th Inf., and Richmond P. Davis, 2d Art.; 2d Lieut. Matthew C. Butler, Jr., 5th Cav., and 1st Lieut. Edwin B. Babbitt, O. D., J. A. (S. O., March 12, H. Q. A.)

Examinations for Promotion.

A Board of Officers, to consist of Lieut. Col. Hugh A. Theaker, 14th Inf., and Wm. D. Wolverton, D. S. G.; Major Tully McGee, 5th Art., and Capt. Fred Wheeler, 4th Cav., and Edward C. Carter, asst. surg., will assemble at V. Mcneuver Bks., Wash., March 19, to conduct preliminary examinations of applicants for promotion to the grade of 2d lieutenant. 2d Lieut. Wm. K. Jones, 14th Inf., is appointed recorder of the board. The following enlisted men, recommended for preliminary examination, will report before the above board: Sergt. Edgar A. Macklin, Bat. A, 5th Art., Fort Canby, Wash.; Corporal Wm. E. Corey, Troop G, 4th Cav., and Corporal John E. Seton, Co. F, 4th Inf., Fort Sherman, Idaho; Pvt. B. Conrad, Troop A, 4th Cav., Fort Walla Walla, Wash. (S. O. 32, March 2, D. C. Columbia.)

A Board of Officers is appointed to convene at Ft. Logan, Colo., March 20, for the preliminary examination of meritorious non-commissioned officers, to determine their fitness for promotion to the grade of 2d lieutenant. Detail: Major Augustus A. DeLaffay, surg., and Charles C. Hood, 7th Inf.; Capt. Louis A. La Garde, asst. surg., and Chas. J. Crane, 24th Inf., and 1st Lieut. Oscar J. Brown, 1st Cav., recorder. The following non-commissioned officers will report to the above board for examination March 20: Sergt. Robert S. Offley, Signal Corps; Sergt. Wm. T. Schenck, Troop I, 1st Cav.; Corporal Albert J. Sbarbo, Co. C, 16th Inf., and Corporal Frank J. Morrow, Co. G, 16th Inf. (S. O. 13, March 6, D. Colorado.)

A Board of Officers, to consist of Col. J. F. Wade, 5th Cav.; Lieut. Col. H. S. Hawkins, 23d Inf.; Maj. L. M. Maus, surg.; Capt. R. J. Gibson, asst. surg., and 1st Lieut. J. D. C. Hoskins, 3d Art., is appointed to meet at Fort Sam Houston, Tex., March 19, to make a preliminary examination of enlisted men for appointment to the grade of 2d lieutenant. 1st Lieut. J. S. Mallory, 2d Inf., A. D. C., is appointed recorder of the board (S. O. 20, March 8, D. Tex.)

The following officers will report in person to Lieut.-Col. Royal T. Frank, 2d Art., president of the examining board convened at Fort Monroe, Va., for examination as to their fitness for promotion: 2d Lieut. Charles D. Palmer, 4th Art.; Peyton C. March, 3d Art., and Eugene T. Wilson, 1st Art. (S. O., March 9, H. Q. A.)

A Board of Officers, to consist of Lieut.-Col. Charles R. Greenleaf and Albert Hartstuf, D. S. G., and Maj. Benjamin F. Pope, surg., is appointed to meet at San Francisco, Cal., for the examination of Capt. R. Hall, asst. surg., as to his fitness for promotion (S. O., March 12, H. Q. A.)

Army Boards.

A Board of Survey, to consist of Capt. Frederick W. Kingsbury, 2d Cav.; 1st Lieut. Franklin O. Johnson, 3d Cav., and Richard B. Padcock, 6th Cav., will assemble at the clothing depot of the Q. M. D., St. Louis, Mo., March 12 (S. O., March 9, H. Q. A.)

A Board of Officers, to consist of Major H. C. Hasbrouck, 4th Art.; Capt. J. M. Ingalls, 1st Art., and 1st Lieut. E. A. Millar, 3d Art., will convene at Fort Monroe, Va., to report upon the merits of a system of plotting and directing the fire of batteries at movable targets devised by 1st Lieut. E. M. Weaver, 2d Art. (G. O. 5, March 9, Art. School.)

A Board of Survey, to consist of Major J. K. Corson, M. D., Capt. F. Fugler and Lieut. W. P. Stokely, 4th Art., will meet at Washington Bks. to investigate condition and quality of bread issued to Bat. Q (Orders 28, 1894, Washington Bks.)

Retirements of Enlisted Men.

The following enlisted men, now at the stations designated after their respective names, are, upon their own application, placed upon the retired list, and will repair to their homes: Pvt. John H. Bailey, Co. D, 25th Inf., Ft. Custer, Mont.; Sergt. George Koib, Co. B, 1st Inf., Angel Island, Cal.; Sergt. James Nelson, Ord. Det., Ft. Monroe Arsenal, Va.; Sergt. Andrew Pullian, Co. F, 6th Inf., Ft. Thomas, Ky.; Pvt. Wm. Smith, Co. A, 6th Inf., Ft. Wood, N. Y.; Sergt. Charles M. Schwarzwalder, Troop B, 1st Cav., Ft. Bayard, N. M. (S. O., March 13, H. Q. A.)

Instruction in Packing.

The C. Os. of Fort Walla Walla, Wash., Fort Sherman and Boise Bks., Idaho, will cause their post quartermasters to

set aside, and retain solely for instruction in packing and for use as pack animals to meet any contingencies which may arise, the following numbers of suitable pack mules: Fort Walla Walla, 12; Fort Sherman, 6; Boise Bks., 6. At least twice each week each troop of cavalry at the above-named posts will receive instructions in packing, having the use of the mules and packers for the purpose under such instructions as post commanders may give, and at the end of every month reports will be made to these headquarters, showing the number of men of each troop who have received such instruction, the extent of the same, the progress attained and the number who are considered competent packers for field service (S. O. 35, March 8, D. Columbia.)

Artillery Practice.—The Major-General Commanding the Army has approved a recommendation that the range at which practice is had with the 8 inch M. L. rifles be changed from 3,000 yards to 3,500 yards. (Letter, A. G. O., March 5, 1894.)

FOOTBALL CASUALTIES AT WEST POINT.

In a letter addressed to the Editor of the *Medical News*, Dr. W. W. Keen publishes the following statistics of casualties among United States cadets from Sept. 1, 1893, due to football and instruction in riding and gymnasium. They were obtained from Maj. P. F. Harvey, post surgeon at West Point, with the consent of Surg.-Gen. Sternberg.

Sprains.	Dislocations.	Contusions and abrasions.	Fractures of bones of leg.	Injuries of all kinds.	Injuries of all kinds.	Remarks.
Severe.	Slight.					
4	22	17	1	17	9	Injuries in riding and gymnasium usually very light.

No. of football players (approximately).....	34
No. under instruction in riding hall.....	154
No. under instruction in gymnasium.....	108
Accidents—Football.....	54
Riding.....	17
Gymnasium.....	9
Total.....	80
Days Lost—Football accidents.....	277
Injuries in riding.....	57
Injuries in gymnasium.....	11
Percentage of men off duty per diem:	
27.90—5.01 men in football.	
57.90—0.63 men in riding.	
11.90—0.12 men in gymnasium.	
Percentage of days lost per accident:	
27.90—5.01 days in football.	
57.90—0.63 days in riding.	
11.90—0.12 days in gymnasium.	

1. Percentage of accidents: From the table the following deductions may be made: First, the percentage of accidents per man in playing in the place, and for the season to which this refers, was 25 times as frequent in football as in riding or in gymnastics (1.6:0.06:0.05, 11).

2. The number of days lost from football accidents per man playing is 25 times as much in football as compared with riding and over 50 times as much as from gymnastics (80.1:3.1:0.15, 111 A).

3. The number of days lost per man injured is 50.1, 3.01 and 1.02 (111 C), showing that the football accidents in the table were nearly twice as serious as those from riding, and five times as serious as those from gymnastics.

4. Number of men continuously off duty: There were five times as many men off duty per diem from football accidents as from gymnastics (5.01:1.02, 5:1).

Concerning them Dr. Keen says:

My own opinion, as a surgeon who has seen a large number of accidents, is that football, as played at present, is a needlessly dangerous sport. The price paid for the good it does is too high, both in life and limb. Strip it of its needless dangers, and no one would be a more hearty advocate of the game than I. This revision of the rules to eliminate its dangers must be made by football men themselves. If they do this the game will hold its present place in the esteem of all who value manly and invigorating sport. If they do not, then it should be prohibited, at least in our colleges where the faculties have the power to do so. Prohibit it there, and it will be doomed to an "innocuous desuetude."

POST LYCEUM LECTURES.

The lyceum course at Fort Myer, Va., includes Lieut.-Col. Guy V. Henry, 7th Cav., "Horseman-ship;" Capt. J. M. Bell, 7th Cav., "Siege of Vicksburg;" Capt. M. B. Hughes, 9th Cav., "Cavalry in Modern War;" Capt. P. S. Bonine, 1st Cav., "Battle of Gettysburg;" Capt. S. W. Fountain, 8th Cav., "The Defence of Positions;" Lieut. J. F. R. Landis, 1st Cav., "Review of Cavalry Drill Regulations;" Lieut. W. H. Baldwin, 7th Cav., "Common Diseases of a Horse and Treatment;" Lieut. M. F. Steele, 8th Cav., "Compulsory Military Service in the United States;" Lieut. J. W. Benton, 9th Cav., "Road Sketching and Military Topography;" Lieut. A. W. Perry, 9th Cav., "Saddling, Bridling, Pack Mules;" Lieut. A. C. Merrillist, 8th Cav., "The Attack of Positions;" Lieut. R. Sewell, 7th Cav., "The Non-commissioned Officer, his Duties and Troop Papers."

At Fort Niagara, N. Y.—Capt. J. W. Duncan, 21st Inf., "What can we do to improve our Soldier;" Capt. C. A. Williams, 21st Inf., "Recruiting on Foreign Territory;" Lieut. S. E. Sparrow, 21st Inf., "Non-commissioned Officer;" Lieut. E. H. Brooke, 21st Inf., "In Time of War, Can Existing Methods in Army Administration be Applied;" Lieut. J. J. O'Connell, 21st Inf., "The Necessity for and the Proper Use of Outposts;" Lieut. W. Y. Stamper, 21st Inf., "A Brief History of Cavalry and its Functions;" Lieut. W. M. Morrow, 21st Inf., "Reconnaissance;" Lieut. J. W. McAndrew, 21st Inf., "The Use of the Regular Troops in the Suppression of the Labor Riots of 1877."

The vacancies caused by the death, March 10, of Capt. Daniel H. Floyd, Assistant Quartermaster, U. S. A., was promptly followed by the nomination March 13, of Lieut. Frederick G. Hodgson, 5th U. S. Cav., an able young officer of thirteen years' service, with good staff experience. He was Regimental Adjutant from August 1890 to July 1892, and for some months after that Alde-de-Camp to Gen. Eugene A. Carr.

PERSONAL ITEMS.

Mrs. Ames, wife of Dr. Ames, U. S. N., and children, will reside in Washington.

Mrs. P. F. BELLINGER, sister of Paymr. G. A. Sawyer, U. S. N., has been spending a few days with her brother in Washington.

COLONEL CLEMENT D. HEBB, U. S. Marine Corps, retired, is still at Mr. Dora, Lake County, Florida, where he has been since October, 1893.

P. A. ENGR. JULIUS A. KAISER, U. S. N., spent a few days in Washington last week looking out for the success of a bill in which he has a personal interest.

CAPTAIN F. H. HATHAWAY, assistant quartermaster, U. S. A., has rejoined at Fort Leavenworth from his visit to Chicago to be examined for retirement.

COMMANDER JAMES M. FORSYTH, U. S. N., registered at the Astor House, New York City, March 13. Paymaster G. C. Goodloe, U. S. M. C., at the Grand Hotel.

MEDICAL DIRECTOR DELAVAN BLOODGOOD, U. S. N., has been quite ill lately, but is now convalescing, and will soon be out. His address is 320 Clermont avenue, Brooklyn, N. Y.

CHIEF ENGINEER GEORGE COWIE, U. S. N., completed his examination for promotion last week, and will soon be assigned to shore duty. His last sea service was on the U. S. S. *Tantic*.

LIEUTENANT BURNS T. WALLING, U. S. Navy, is to read a paper on "Incidents in the Wreck of the *Keersarge*" before the United Service Club, New York City, Saturday evening, March 17.

PAY DIRECTOR THOMAS T. CASWELL, U. S. N., has taken a house in Georgetown, D. C., and expects to reside in that quiet old town until some time this summer, when he will probably reside in the country.

LIEUT.-COMMANDER DELEHANTY, U. S. N., Supervisor New York Harbor, asks Congress, through the Secretary of the Navy, for \$2,000 to meet a deficiency in his appropriation, which will not last beyond April.

CHIEF ENGINEER HENRY W. FITCH, U. S. N., has in contemplation a trip to the salubrious atmosphere of Asheville, N. C., where he proposes to pass the trying times of spring and early summer. Mrs. Fitch will accompany him.

P. A. ENGINEER F. H. BAILEY, U. S. N., was called to Gowanda last week by the dangerous illness of his aged mother, who has been ailing for some time past. During his absence his duties are being taken at the bureau by P. A. Engr. Bryan.

REAR ADMIRAL JOHN IRWIN, U. S. N., commanding the Pacific Station at Honolulu, will return to the coast by the steamer leaving Honolulu March 20. He will be placed on the retired list of the Navy soon after reaching the United States.

SECRETARY HERBERT has written the Vice-President, inquiring regarding the exact age of his son, who has just been appointed a Paymaster in the Navy, the allegation being made that he is beyond the limit of age, being over twenty-seven.

CHIEF ENGINEER WARNER B. BAILEY, U. S. N., has passed his examination for promotion and will soon be assigned to sea duty. Mr. Bailey was recently detached from the U. S. S. *Machias* and expects orders to a ship on the Pacific in a short time.

LIEUTENANT NIBLACK, U. S. N., is busily engaged in the elaboration of some needed modifications in the matter of uniforms for the enlisted men of the Navy. The question is an important one, and Lieut. Niblack possesses the requisite snap and go-ahead spirit to make the thing a success.

NAVAL CONSTRUCTOR VARNEY, of the Navy, was in Washington a few days since on duty connected with the completion of the *Montgomery*. The board of final inspection reported that the ship was in most excellent condition, and will be easily placed in commission at the Norfolk Navy-yard.

Mrs. JOHN IRWIN, the wife of Rear Admiral Irwin, of the Pacific Station, accompanied by her daughter, arrived in San Francisco by the last island steamer from Honolulu, and expresses much gratification at her experience in Hawaii. She is enthusiastic over the hospitality of the people there.

REAR ADMIRAL GEO. E. BELKNAP, and Capt. Geo. H. Perkins, U. S. N., and Quartermaster Gen. R. N. Batschelder, and Capt. James Miller, U. S. A., are members of the Executive Committee having in charge the arrangements for the entertainment of the Society of the Army of the Potomac at the reunion to be held at Concord, N. H., June 21 and 22 next.

ADMIRAL BENHAM in a dispatch from Rio on March 10, to the Secretary of the Navy relative to the condition of Asst. Paymr. George W. Simpson of the *Detroit*, who some time ago was accidentally shot in the leg by the discharge of his pistol, reports that he is out of danger and improving. Amputation will not be necessary, but the knee-joint will probably remain stiff. He has been invalided by a medical survey and ordered home by steamer of March 17.

The transfer of Chief Engr. Soot from the *Concord* to the *Baltimore* was somewhat of a surprise to all concerned, for it had been supposed that the chief engineers of those two ships would not be held to come under the usual arrangement of seniority. Chief Engr. Soot has been in precarious health for some time past, and it is not known how the change has affected him.

MAJOR J. H. CALER, U. S. A., commandant of Ft. Trumbull, Conn., left there March 13 on a post leave.

ADJUTANT HUNTER LIGGETT, 5th U. S. Infantry, rejoined at St. Francis Barracks, St. Augustine, Fla., March 16, from a short leave.

CAPTAIN W. W. R. FISHER, Assistant Surgeon, U. S. A., and Mrs. Fisher, of Governor's Island, expect to go abroad early in May to spend the summer.

LIEUTENANT CHAS. J. SYMONDS, 7th U. S. Cavalry, and bride, are recent arrivals at Fort Riley, Kansas.

Mr. FREDERICK PAULDING, the actor, is a recent visitor to Fort Leavenworth, where he met many old Army friends.

LIEUTENANT WILLIAM CHAMBERLAIN, 1st U. S. Artillery, of Fort Hamilton, projects a short trip abroad in April.

MAJOR-GENERAL NELSON A. MILES, U. S. A., and Mrs. Miles arrived in Chicago March 12 from their visit to the East.

COLONEL RICHARD ODOR, 2d U. S. Artillery, was suddenly called away from Fort Adams, R. I., March 10 by the illness of his son-in-law.

A SON to Mr. A. D. Andrews, formerly of the Army, and a grandson to Maj.-Gen. John M. Schofield, was born in New York City March 4.

LIEUTENANT ANDREW W. BREWSTER, 9th U. S. Infantry, expects to leave Sackett's Harbor, N. Y., early next week on a short leave of absence.

2d LIEUTENANT HARRY E. WILKINS, 2d U. S. Infantry, is henceforth to be known as Col. Wilkins, A. I. G., on the staff of the Governor of Iowa.

COLONEL J. F. WADE, 5th U. S. Cavalry, was expected in San Antonio the latter part of this week for temporary Board duty at Fort Sam Houston.

CAPTAIN HUGH G. BROWN, 12th U. S. Infantry, lately returned to Fort Leavenworth, was expected to leave there this week on a short visit to friends in Iowa.

CAPTAIN H. P. KINGSBURY, 6th U. S. Cavalry, of Major-General Howard's staff, has been visiting in the West on a few weeks' leave, and was in Arizona this week.

GENERAL W. P. CARLIN, U. S. A., retired, lately in St. Louis has gone to Carrollton, Ill., where he will be for some time looking after his farm and planting orchard.

LIEUTENANT W. BROOKE, 4th U. S. Infantry, and Mrs. Brooke, en route from Fort Leavenworth to Fort Sherman, are expected to reach the latter post in a few days.

CAPTAIN PHILIP M. PRICE, Corps of Engineers, U. S. N., assumed his duties as engineer secretary of the Light House Board of the Treasury Department last week.

We learn that Maj. Wm. B. Kennedy, 4th U. S. Cavalry, while on mounted parade at Fort Walla Walla, Feb. 28, was thrown from his horse and sustained a fracture of the collar bone.

LIEUTENANT E. V. SMITH, 4th U. S. Infantry, on leave from Boise Barracks, Idaho, and lately at 1525 1st avenue, West Troy, N. Y., is a recent visitor in New York, with headquarters at the Grand Hotel.

LIEUTENANT L. D. GREENE, 7th U. S. Infantry, an experienced officer of sixteen years' service, now at Fort Logan, has been selected to take charge of the Q. M. Dept. at Hot Springs, Ark., in succession to Capt. R. R. Stevens, A. Q. M.

THERE is no truth, we are informed, in the rumor that Maj.-Gen. O. O. Howard, U. S. A., will on retirement go to his old home in Maine and run for Congress from there. He has definitely decided, as we have before stated, to take up his residence on retirement in Burlington, Vt.

CAPTAIN E. B. BOLTON, 23d U. S. Infantry, who recently joined at Fort Sam Houston, from detached service—college duty—did not make a long stay, but has gone to old Fort Bliss, Tex., to take command of Co. D, whose late captain, T. M. K. Smith, is on recruiting service at Buffalo, N. Y.

LIEUTENANT L. D. GREENE, 7th Infantry, reported on Monday to the Superintendent of General Recruiting Service in New York for duty at Davis Island under S. O. No. 40, A. G. O. Mrs. Greene is taking advantage of the occasion, awaiting arrival of household goods from the west, to make a visit to her mother, Mrs. W. C. Ulman, 1059 Beacon street, Boston, Mass., and will join her husband at Davis Island about March 25.

A DRAMATIC performance was to be given by the officers of Fort Meade on March 18. The comedy, entitled "The Professor's Tragedy," was to be performed with cast: Professor Marshall, Lieut. Hammond; Leander McDoney, Lieut. Evans; Dr. Watson, Lieut. Stiles; Mr. Harwood, Lieut. Morgan; Ernest Harwood, Lieut. Crosby; Mrs. Marshall, Mrs. Evans; Louise, Miss Cabell; Mrs. Watson, Miss Stiles; Matilda, Mrs. Sayre.

THE San Francisco Chronicle, which seems to have taken affairs at the Presidio under its especial charge, says in a recent number: "Gen. Ruger having submitted the charges of Col. Young against Col. Graham and those of the latter against the former to the military authorities at Washington, nothing will be done until the response comes. In the meantime the Presidio will probably be more quiet than a dove-cote."

THE Cheyenne Leader, referring to the recent detail of Maj. Charles F. Humphrey, as Chief Quartermaster, Department of the Platte, says: "There is no place in the country in proportion to its size in which Maj. Humphrey has made friends than in Cheyenne, and absolutely none who take greater pleasure in hearing of his advancement in rank and responsibility. Maj. Humphrey was stationed for about four years at Camp Carlin. He is a man of practical experience, of executive mind, and can get through an immense mass of work without any fuss or flurry."

COLONEL W. H. BELL, Subsistence Department, U. S. A., about to leave Denver for San Francisco, is, says the Denver News, "especially talented as a musician, and had he devoted his talents in the direction of music would have gained a wide reputation as a violinist. The Colonel performs on almost every musical instrument, and as an off-hand accompanist is a revelation to persons who are tied down to the notes. His violin, which has been a never-failing source of pleasure and comfort for fifty years past, will accompany him to the coast."

CAPTAIN F. M. BUNCE, U. S. N., is a recent guest at Fifth Avenue Hotel, New York City.

LIEUTENANT H. L. SCOTT, 7th U. S. Cavalry, of Fort Sill, O. T., is a recent visitor in Washington, D. C.

LIEUTENANT J. T. HONEYCUTT, 1st U. S. Artillery, rejoined at Fort Hamilton, N. Y. H., March 13, from a short leave.

CHAPLAIN JAMES W. HILLMAN, U. S. A., arrived at Fort Thomas, Ky., March 8, and has commenced his duties at that post.

CAPTAIN R. R. BALL, assistant surgeon, U. S. A., on leave from Fort Monroe for a few weeks, is visiting his family at Richmond, Va., where his address is 1006 Parke avenue.

COLONEL M. P. MILLER, U. S. A., of the Artillery School, is a recent arrival at Hot Springs, Ark., for a course of medical treatment.

MR. R. E. LEE, son of the late Gen. R. E. Lee, was married at Washington, D. C., March 8. Mr. Lee was a widower and bears a striking resemblance to his father.

CAPTAIN IRA MACNUTT, Ordnance Department, U. S. Army, has returned to South Bethlehem, Pa., from a visit to the Proving Grounds at Sandy Hook, New Jersey.

CAPTAIN MARCUS W. LYON, late of the U. S. Army, whose resignation was accepted last week, has, we understand, been offered a lucrative position in civil life in the line of his professional qualifications.

LIEUTENANT C. L. BECKURTS, 6th U. S. Infantry, bade farewell this week to friends at Bedlow's Island and vicinity and started for Fort Thomas, Newport, Ky., to enter upon duty as regimental and post adjutant.

MAJOR CHARLES B. THROCKMORTON, U. S. A., who was retired from active service, March 8, accepted, on March 9, the position of Assistant General Superintendent of the Street Cleaning Department, New York City.

CAPTAIN J. M. INGALLS, 1st U. S. Artillery, instructor at the Artillery School, has prepared a text book on "Interior Ballistics" for the use of student officers at the school, which has been printed by the Artillery School Press. It is a volume of 158 pages.

MAJOR CHARLES BENTON, 1st U. S. Infantry, whose latest address is Army and Navy Club, Washington, D. C., has received a four months' leave at the expiration of his present sick leave, which will carry him over to close to the date of his retirement for age—Oct. 11, 1894.

GENERAL MCCOOK, commanding the Department of the Colorado, in relieving Lieut. Arthur Johnson, 17th U. S. Infantry, from duty as acting Indian agent at the White Mountain Indian Reservation, Fort Apache, commends him in official orders for the able manner in which he has performed his duties in the Indian service.

At a meeting of the New York City Association of Union ex-Prisoners of War held March 9, at the Colonnade Hotel, Gen. Alexander Shaler was elected president, Wm. M. Abbott vice president, Charles F. Wilson treasurer, Frank A. Rowe secretary, and the Rev. D. H. Hannabaugh chaplain.

GENERAL THOMAS H. RUGER, commanding the Department of California, has done a considerable act in ordering that judge advocates of general courts-martial shall be excused from attendance at usual drills and parades, on such days as they may apply for relief from such duties as being necessary to enable them to properly perform their duties with the court.

THE Publication Committee of the Military Service Institution, Gen. Abbot, Col. Hughes, Gen. Breck and Capt. Edmunds, in their recent annual report, say: "The Journal has been published bi-monthly during the past year, under the able editorship of Major Haskin and Lieut. Bush in a manner to reflect credit upon the institution, and, as is believed, to benefit the military service," and the Finance Committee, Gen. Tompkins, Col. Barr and Gen. Barriger, "commend Lieut. J. C. Bush, 5th Art., treasurer, for the ability and efficiency displayed by him in the management of the financial affairs of the institution."

COMPANY I, 8th Infantry, is desolate, for recent orders authorize furloughs for three months for the following members, with the privilege of discharge at their termination: Sergts. Whole, Sitting Bear, Summer Black Coal and Tremont Arthur, Corp. Harry Noracook, Pounded Meat, Andrew Walker, and Powder Face, Musician Thomas Crispin, and Privs. Joseph, A Bad Owl, Charlie, Jimmy, Wm. Sural, Weeping Willow, Dropping Mud, Tight Pants, No rab, Bald Head, Holds His Head Above Water, Spread Hips, Round Hips, Large, The Driver, Nezadze, Rabbit Tail, Limber, To-Play Hand-While Hunting, Young Man, Dark-White-Man, George Washakie, White Clay, Red Shirt, Red Pipe, Daniel Wolf, Shot Gun, Old Man, Big Head, Hiram Spencer, Little Shield, Mountain Sheep, Traveler Lodge, Yellow Bull, Crazy Head, Mule, Shovel Foot, Bull Chief, Runner-Across-the-River, Goes up-Hill, Adam Redman, Weasel Horn, Smoke and Shoshone.

The Washington Post says: "An interesting after-piece, following the recent congress of the Daughters of the American Revolution, was the presentation to Mrs. Wm. D. Cabell, for the past two years the president presiding of the society, of a massive silver loving-cup, the gift of a number of ladies who have been associated from the first with Mrs. Cabell, and prominent with her in the organization and promotion of the best interests of that society. They have taken this occasion to testify to the refined and dignified bearing with which Mrs. Cabell has presided at the frequent meetings of the board of management and at two congresses, to the intellectual strength and literary culture which she has brought to all discussions, to the ability and impartiality of her rulings, and to the repeated and lavish hospitality which the congress, the resident members of the society, and especially the entire board of management have frequently accepted and enjoyed at her hands."

MAJOR WELLS WILLARD, U. S. A., rejoined at Fort Monroe, Va., March 15, from a short leave.

CAPTAIN P. C. HAINS, Corps of Engineers, U. S. Army, registered at the Waldorf, New York City, March 13.

COLONEL C. H. CARLTON, 8th U. S. Cavalry, was to start from Fort Meade, S. D., on Thursday of this week on a month's vacation.

CAPTAIN R. W. JOHNSON, Assistant Surgeon, U. S. Army, arrived at Fort Monroe, Va., March 10, for a month's tour of duty at that post.

CAPTAIN F. H. E. EDSTEIN, 21st U. S. Infantry, on regimental recruiting service for some time past, has moved his rendezvous from Elmira to Rochester, N. Y.

LIEUTENANT-COLONEL EDMOND BUTLER, U. S. A., retired, whose address is Omaha, Neb., will reach his sixty-seventh birthday on Monday next, March 19.

MAJOR JOHN H. BARTHOLOMEW, Surgeon, U. S. Army, to whose excellent record and approaching retirement we referred last week, was duly retired for age March 13, 1894.

THERE is now a slight lull in Army retirement for age, the next being that of Col. B. J. D. Irwin, Assistant Surgeon General, U. S. Army, at present in Europe, on June 28, 1894.

CAPTAIN CHARLES KING, U. S. Army, retired, is spending a few weeks in America, after which he will return to Ouchy, Switzerland. His present address is Milwaukee Club, Milwaukee, Wis.

LIEUTENANT WALTER H. GORDON, 18th U. S. Inf., is closing up his business affairs in Chicago connected with the World's Columbian Exposition, and will join his company in Texas sometime in April.

MAJOR A. H. BAINBRIDGE, 10th U. S. Infantry, will leave Fort Stanton, N. M., in a few days for Phoenix, Ariz., to report to Gov. Louis C. Hughes for duty with the National Guard of the Territory during April.

LIEUTENANT J. S. OYSTER, 1st U. S. Artillery, is taking charge of the Quartermaster's Department at Fort Hamilton, N. Y. H., during a brief visit of Lieut. Albert Todd to the West. Lieut. Todd will rejoin next week.

MAJOR PETER P. G. HALL and Capt. Chas. F. Roe, U. S. Army, each attained his sixty-fourth birthday this week, the first on March 16 and the second on March 17, and duly passed from the limited to the unlimited retired list of the Army.

GENERAL THOMAS E. ROSE, Major, 18th U. S. Inf., to whose long, gallant and meritorious services we referred last week, was duly retired for age March 12. He was a very popular officer and his retirement from active duty will be greatly regretted.

MAJOR GENERAL O. O. HOWARD and Major C. E. Barnett, U. S. Army, on a tour of inspection in the South, spent a few days in St. Augustine, Fla., this week and from there went to Pensacola to inspect Fort Barrancas. They will visit New Orleans next week.

LIEUTENANT HARRY C. HALE, U. S. A., Acting Engineer Officer, Department of Dakota, is visiting Forts Meade and Sully, S. D., to photograph the interiors and exteriors of buildings. The photographs will be embodied in Gen. Merritt's annual report for 1894. Lieut. Hale will visit other posts in the Department later on.

LIEUTENANT-COLONEL AMOS STICKNEY, Corps of Engineers, U. S. A., has been commissioned a member of the Mississippi River Commission created by the act approved June 28, 1879, and Major C. J. Allen, C. E., a member of the Missouri River Commission created by the act approved July 5, 1884.

MISS MIRA NOYES, daughter of Crosby Noyes, of the Washington Evening Star, is a recent guest of Capt. and Mrs. Wm. Kneidler, of the Medical Corps, U. S. A., at their Black Point home in California, and from there goes on an extended trip to Japan, China and Australia, accompanied by her father and mother.

Mrs. U. S. GRANT and Mrs. Jefferson Davis have been especially invited to attend the reunion of the veterans of the Southern States to be held at Birmingham, Ala., beginning April 25. Should Mrs. Grant attend it will be to her an occasion for remembrance, for the 27th of April is the anniversary of the birthday of her distinguished husband.

SURGEON FRANK BACHS STEVENSON, of the Marine, speaks fluently French, German, Italian, Spanish and Portuguese, and he has a serviceable knowledge of Greek, Latin, Dutch, Swedish, Danish, Norwegian, Roumanian, Polish and Sanskrit, and can speak enough of Russian and Japanese to make them of use to him. Among his numerous medical contributions is one on color blindness in Asiatics, read before the German Asiatic Society in Tokio, Dec. 20, 1893.

MISS ELEANOR BRENT FARLEY, daughter of Col. J. P. Farley, Ordnance Department, U. S. A., will be married March 28, at 1 p. m., at St. Stephen's Church, Bridesburg, Pa., to Lieut. Edw. Molyneux Blake, 5th U. S. Art. Lieut. Blake is at present on duty at the Virginia Military Institute, Lexington, Virginia. Col. Farley requests us to state, that owing to a sad bereavement the marriage of his daughter will not take place at the church in Bridesburg, Pa., but privately at his residence in the arsenal March 28.

THE Denver News tells a story to the effect that Col. John M. Wilson, Corps of Engineers, who is one of the promptest men in the Army, when asked when he would be ready to depart for a lonely post in Arizona to which he had been assigned, said: "To-night, Sir." It adds: "Army officers are universally recognized by persons who meet them in all parts of the world as the finest gentlemen on earth. There is no man quite so genial, obliging, witty and delightful to encounter, either in business or pleasure, as the American West Point graduate whose hair has begun to show the tinge of years and experience in all parts of the continent. Gen. McCook is remembered by those who meet him as the model gentleman and the typical American citizen."

CAPTAIN QUINCY O'M. GILLMORE, 8th U. S. Cav., has been detailed as professor of the Poughkeepsie Military School as professor of military science.

A LUNCHEON in honor of Mrs. Frederic Dent Grant was given March 14 by Mrs. John Reynolds Totten, of No. 66 West 54th street, New York City. Among the guests were Mrs. Daniel T. Welden, Mrs. Horace Porter and Mrs. Wm. B. Hazen.

The following cadet appointments were made to the Military Academy during the week: Harry S. Waller, First District, Indiana; Phillip C. Hayward (alternate), First District, Indiana; Alexander C. Roberts, Idaho, and Francis W. Healy (alternate), Idaho.

Among Army officers visiting in New York City this week are: Col. F. C. Ainsworth, U. S. Army, Metropolis; Lieut. C. S. Bromwell, Engrs., and Lieut. J. D. L. Hartman, 1st Cav., and Mrs. Hartman, Grand Hotel; Lieut. R. J. C. Irvine, 11th Inf., Park Avenue Hotel; Maj. E. D. Judd, Grand Union Hotel.

The War Department register has the names of the following Army officers who were there during the week: Capt. J. S. Tomkins, retired; Major-General Nelson A. Miles, Lieut.-Col. G. L. Gillespie, of the Corps of Engineers; 1st Lieut. J. B. McDonald, 10th Cavalry; Capt. G. F. Foote, retired; 1st Lieut. Charles G. Treat, 5th Artillery; Capt. A. H. Russell, of the Ordnance Department; 1st Lieut. L. D. Greene, 7th Infantry.

MAJOR WM. M. ROBBINS, of Statesville, N. C., has been appointed a member of the Gettysburg Battlefield Commission to succeed the late Wm. H. Forney. Mr. Robbins was formerly Professor of Mathematics and Engineering in the Alabama University; was engaged in the battle of Gettysburg with his regiment, the 4th Alabama, and has served several terms in Congress since the war.

COLONEL AND MRS. HENRY gave one of their series of charming breakfasts at Fort Myer on Friday after a very interesting drill in the Cavalry Drill Hall. The decorations at breakfast were in red and Nile green. Those who enjoyed the unique entertainment were Senator and Mrs. Blackburn, Senator and Mrs. Manderson, Senator and Mrs. Gibson, Senator and Mrs. Cary, the Misses Paunceforte, Miss Gale, Mrs. Orr, of New York, Mrs. and Miss Tiffany, of New York, Mrs. Kennon, Miss Anna Vernon Dorsey, Maj. and Mrs. Hall, Mrs. Seager, Lieut. and Mrs. Benton, Capt. and Mrs. Hughes, Mr. and Mrs. Shelton, of Annapolis, Capt. Day and Fountain, Lieuts. Landis, Perry and Sewell, Dr. and Mrs. Phillips and Senator Squire. Mrs. Seager sang very charmingly and Miss Dorsey rendered her negro melodies with the banjo.

The following naval officers registered at the Navy Department during the past week, Ensign T. P. Magruder, Comdr. John McGowan, Civil Engr. A. G. Menocal, Lieut. C. H. Lyman, Lieut. Chauncey Thomas, Lieut.-Comdr. F. Sanford, Lieut. F. R. Brainerd and Lieut.-Comdr. J. D. J. Kelley.

THE RIO REBELLION.

The following despatches have been received from Rear Admiral Benham dated Rio, March 13: "Herbert, Washington:

"Notice has been given by Peixoto's government that the bombardment of the insurgent ships and forts will commence at noon to-day. Insurgent Admiral reported to have taken refuge on board of Portuguese man-of-war; on inquiry I find he is not on board yet."

"Graham, Washington:

"The forts loyal to the government commenced firing on insurgents to-day at noon. The insurgents have not returned the fire. The government has refused the terms of capitulation offered by Da Gama, and answered that it will commence firing from the city batteries at three o'clock this afternoon. The city of Rio is practically deserted."

The surrender of Da Gama and his fleet to the Brazilian Government is the source of great gratification to the Navy Department, which not only has some ships at its disposal, but saves the great expense attending the service in Brazilian waters. The cablegrams alone have cost thousands of dollars, while coal, supplies and stores have been enormously high. Every officer on the fleet is believed to have spent a large part of his salary for mess bills alone on account of the exorbitant prices charged for everything at Rio since the outbreak of the revolution. The Department has felt the greatest concern for the health of the officers and crews, and but for the exercise of unusual care it is believed yellow fever would have appeared on all the ships.

CHRISTOPHER FURNES, M. C., has requested the British Secretary of State for Foreign Affairs to instruct Capt. John Pison, senior officer of the British fleet at Rio, to assist in the removal of yellow fever patients from the infected port. Mr. Furnes based his letter to Lord Kimberley on the following telegram from the masters of British ships at Rio: "The American Navy is rendering the necessary assistance in landing the sick and supplying us with water. Our navy refuses to grant us such assistance. Can you do anything in our behalf? Mortality terrible. Only hospital available is ten miles from anchorage." Mr. Furnes was unsparing in his denunciation of the conduct of the British naval officers at Rio during the last three months. A dispatch from Rio, March 8, says: "All the naval commanders except Admiral Benham have left the port for places of safety from the yellow fever. The deaths from yellow fever now average 123 a day."

CANDIDATES FOR COMMISSIONS.—1894.

Sergt. Samuel Powell Lyon, A, 1st Cav., Ft. Myer, Va.; Sergt. Harry Clement, K, 5th Cav.; Sergt. E. A. MacKlin, Bat. A, 5th Art.; Corp. Alvord Anderson, G, 6th Cav.; Corp. W. T. Corey, G, 4th Cav.; Corp. Granville E. Palmer, G, 7th Cav.; Corp. James A. Lynch, H, 8th Cav.; Corp. Murray Baldwin, I, 2d Art.; Corp. W. A. Raibour, Light Bat. F, 51 Art.; Corp. J. F. Seaton, F, 4th Inf.; Sergt. F. D. Tillman, E, 5th Inf.; Corp. Wm. H. Callinan, F, 6th Inf.; Corp. Elgar F. Koehler, C, 8th Inf.; Corp. David C. Spurnan, C, 21st Inf.; Pvt. Bryan Conrad, A, 4th Cav.; Sergt. R. S. O'Leary, Signal Corps; Sergt. W. T. Schenck, Troop I, 1st Cav.; Corp. A. J. Sharpe, C, 16th Inf.; Corp. F. J. Morrow, G, 16th Inf.

PERSONNEL OF THE NAVY.

The third session of the joint sub-committee on the personnel of the Navy was held in the room of the Senate Committee on Naval Affairs last Saturday. It was devoted to hearing representatives of the staff corps. Chief Naval Constructor Highborn was the first officer heard. He read a letter that he had sent to the Secretary of the Navy, which embodied his views as to what ought to be done for the Construction Corps. It recommended the limitation of the number of naval constructors to 20, of whom five should have the relative rank of captain, five the relative rank of commander, and ten the relative rank of lieutenant commander or lieutenant, according to dates of precedence; the limitation of the number of assistant naval constructors to 30, who shall have the relative rank of lieutenant or lieutenant junior grade, according to dates of precedence. He advocated the gradual increase of the corps up to the limits fixed, and for gradual promotions by requiring at least six years' service as assistant before promotion to constructor, and limiting the number of appointments as assistant constructors to three each year until the limit of the corps should be reached.

In answer to questions from members of the joint committee Mr. Highborn said the increase in the number of men asked for would be absolutely necessary in order to maintain the efficiency of the corps and enable it to perform all of the duties devolving upon it. He said that the present numbers were too small, and that officers were frequently compelled to travel hundreds of miles for special duties, taking them away from their regular duties, because there were no other officers of the corps available. He advocated the d-tailing of constructors for much of the inspection work that is now done by line officers. He submitted tables showing the number of men in the construction corps of England, France, Russia and Italy.

Paym. Gen. Stewart appeared for the Pay Corps. He said the pay corps would be satisfied to be left alone. If, however, there was to be any legislation affecting the corps he would like to be heard. He said that if the number of ships in commission should be increased materially it would be necessary to have an increase in the number of officers in the corps, but that would not be necessary at present. In answer to a question from Senator Hale as to whether it would do to abolish the pay corps, Paym. Gen. Stewart replied: "Not if you want a continuance of strict accountability of Government property. We are approaching and nearing every day a stricter accountability than ever before, and the moment you do away with the pay corps and allow that duty to be performed by people who have no special interest in that particular branch of the Service I think the Service will suffer. I see no objection to filling vacancies in the pay corps, as they occur, from graduates of the Naval Academy, if you choose, but when a man goes into the pay corps he should be a paymaster and not a line officer."

In the absence of the Surgeon-General, Medical Director Gorgas appeared for the Medical Corps. He asked for a hearing at a future time for the Surgeon-General, and submitted a bill which the Surgeon-General had drawn up, and which has been previously printed in the JOURNAL, providing for a reorganization of the Medical Corps.

Engr.-in-Chief Melville appeared for the Engineer Corps. He submitted a statement under five different heads. The first dealt with the importance of increasing the number of officers in the Corps. The second urged the conferring of actual rank upon officers of the Corps instead of the relative rank they now have. The third urged the necessity of making provision by law for the examination of chief engineers when advanced from one grade to another. The fourth dealt with the necessity for the legal definition of the duties of the Bureau of Steam Engineering, and the fifth with the desirability of providing for the detail of an officer of the Corps as Assistant Chief of the Bureau. The examination of Engr.-in-Chief Melville was very long and he went very fully into the reasons for urging an increase in the number of officers in his Corps from 191—the present number—to 300—the number that he estimates will be necessary if the present programme of construction is to be carried out and enough engineers are to be provided to properly man the ships.

THE INSPECTOR GENERAL'S DEPARTMENT.

THERE are seven officers of the Inspector General's office out on tour now, covering the southern border from ocean to ocean and the region of the lakes and the central line from Allegheny Arsenal to Fort Leavenworth. Col. R. P. Hughes, I. G., is engaged in making the southern inspections in the Department of the East, embracing stations, disbursements, etc., and carrying some of the inspections assigned to the Washington offices as to avoid double travel. His tour will not be concluded until about April 1. Capt. H. J. Nowlan, 7th Cav., began March 5, a tour for the inspection of disbursements at Albany, Watervliet Arsenal, Plattsburg, and West Point, N. Y., and Burlington, Vt., and of the recruiting rendezvous at Albany, N. Y. Col. E. M. Heyl, I. G., Department Missouri, left his station March 4, for St. Louis and Jefferson Barracks, Mo., and Hot Springs and Little Rock, Ark. During the week ending March 7, the report of inspection of one station was received from him at the Inspector General's office. Capt. J. M. Lee, 9th Inf., left on the same day for Kansas City, Leavenworth, Fort Leavenworth, and Fort Scott, Kansas, and Springfield, Missouri. During the week, reports on three stations and one national cemetery were received from him at the Inspector General's office.

Lieut.-Col. G. H. Burton, I. G., left Washington March 6, to inspect disbursements at Allegheny Arsenal, Pa., Detroit, Mich., and Columbus and Cleveland, Ohio. Major P. D. Vroom, I. G., Department of Texas, began his spring work March 1, by the inspection of the post of San Antonio, Texas, at the conclusion of which he will make a complete inspection of the posts in his department. Major A. R. Chaffee, 9th Cav., A. I. G., is now making the inspection of posts, commands, etc., in the Department of Colorado. His tour began March 9 and will probably not conclude before April 30.

THE NAVY.

HILARY A. HERBERT, *Secretary of the Navy*.
WILLIAM MCADOO, *Assistant Secretary*.

NAVAL VESSELS IN COMMISSION.

WHEN AND WHERE LAST HEARD FROM.

N. Atlantic Station.—A. R. Adml. O. F. Stanton—Commo. R. W. Meade will be ordered to command.

MIANTONOMO, monitor, 3d rate, 4 guns, Captain R. R. Wallace, comdg. At Norfolk, Va.

VEUVIUS, 4th rate, 3 guns, dynamite cruiser, Lt.-Comdr. F. Courtis comdg. Arrived at Yorktown, Va., March 12, for gun practice.

European Station.—A. E. Adml. Henry Erben.

Address all mail matter care of B. F. Stevens, Esq., 4 Trafalgar Square, London Ene.

CHICAGO, 3d rate, 14 guns, flagship, Capt. A. T. Mahan. At Smyrna March 2.

S. Atl. Station.—R. Adml. A. E. K. Benham.

Send mail "Care U. S. Consul, Montevideo, Uruguay, or care of B. F. Stevens, 4 Trafalgar Square, London."

NEWARK, 3d rate, 13 guns, Captain S. W. Terry. At Montevideo, Uruguay.

CHARLESTON, 3d rate, 8 guns, Captain Geo. W. Coffin. At Rio de Janeiro.

DETROIT, 10 guns, Comdr. W. H. Brownson. At Rio de Janeiro, Brazil.

NEW YORK, 1st rate, 13 guns, Capt. J. W. Philip comdg. At Rio de Janeiro, Brazil.

SAN FRANCISCO, 2d rate, 12 guns, Captain J. C. Watson. At Rio de Janeiro. Flagship. Ordered to proceed North, and will stop at Bluefields, Nicaragua, to investigate affairs there. Expects to arrive at New York before the middle of April.

YANTIC, 4th rate, 4 guns, Lieut.-Comdr. Seth M. Akeley. At Montevideo.

Pacific Station.—Rear Admiral John Irwin

Commo W. A. Kirkland ordered to command per steamer of March 17 from San Francisco.

Address all mail to Navy Pay Office, San Francisco, Ca. unless otherwise noted.

PHILADELPHIA, flagship, 3d rate, 19 guns, Capt. A. S. Barker. At Honolulu.

BENNINGTON, 3d rate, 6 guns, Commander C. M. Thomas. En route to the Pacific. At Panamuelco, March 7, and sailed for Montevideo, March 10. Will be assigned to Bering Sea fleet.

ADAMS, 3d rate, Comdr. Thomas Nelson. At Honolulu, H. I., Jan. 10. Due at Sitka, Alaska, May 1. Comdr. J. J. Brice ordered to command.

ALLIANCE, 3d rate, 6 guns, Comdr. T. A. Lyons. Sailed from Callao Jan. 31 for Montevideo.

THEtis, 3d rate, 2 machine guns, Lieut. Comdr. C. T. Hutchins. Engaged in survey work on the coast of Lower California.

MONTEREY.—Coast defence vessel, 4 guns, Capt. Louis Kempff, comdg. At Navy-yard, Mare Island, Cal.

YOKOTOWN, 3d rate, 6 guns, Commander W. M. Folger. At San Francisco. Will be overhauled and has been ordered to reach Port Townsend by April 1 for duty with Bering Sea fleet.

MOHICAN, 3d rate, 10 guns, Comdr. C. E. Clark. At Mare Island, Cal. Will be assigned to Bering Sea fleet.

PINTA, 4th rate, 4 howitzers, Lieut.-Comdr. W. T. Burwell. At Sitka, Alaska, at last accounts.

RANGER, 3d rate, Commander E. Longnecker. Will be assigned to Bering Sea fleet. Left Acapulco March 6 for San Jose.

Asiatic Station.—A. R. Admiral Jos. S. Skerrett.

Address all mail Yokohama, Japan.

MONOCACY, 3d rate, 6 guns, Comdr. R. E. Imbey. At Shanghai, China, Feb. 28.

MARION, flagship, 3d rate, 8 guns, Comdr. O. V. Gridley. Sailed from Yokohama Feb. 19 for San Francisco.

A telegram from San Francisco, March 13, says: Two days after the war vessel left Yokohama she encountered a terrific typhoon. At one time the vessel was on her beam ends. A part of the rigging was carried away, and heavy seas washed over the deck, wrecking the deck houses. The water poured into the cabin and into the engine rooms. The boilers were loosened from their fastenings. The fires were extinguished as quickly as possible and the man-of-war scudded along under bare poles before the wind. She rode safely through the storm and sailed back to Yokohama. The full extent of the repairs was not known when the steamship *Gaelic*, which brought the news, sailed, but it is estimated that she will be in dock at least two months.

PETREL, 4th rate, 4 guns, Lieut.-Comdr. W. H. Emory. At Yokohama, Japan.

BALTIMORE, flagship, 3d rate, 10 guns, Capt. W. R. Bridgman. At Yokohama Jan. 25.

CONCORD, 3d rate, 6 guns, Comdr. C. F. Goodrich. Arrived at Manila, Philippine Islands, March 10. All well. Is assigned to Bering Sea fleet.

Apprentice Training Squadron.

PORTSMOUTH, 19 guns, Comdr. C. J. Barclay. Was at Santa Cruz Feb. 26; due at St. Thomas March 22, and Hampton Roads April 12.

ESSEX, 3d rate, 6 guns, Comdr. F. W. Dickens. Sailed from Newport, R. I., March 6 for Charleston, S. C. The itinerary of the cruise is as follows: arrive at Charleston April 1; leave Charleston, S. C., April 11, arrive at Lynn Haven Bay, Va., April 26; leave Lynn Haven Bay, Va., May 7, arrive at Gardiner's Bay, L. I., May 22; leave Gardiner's Bay, L. I., June 30, arrive at Newport, R. I., July 1. Mail for Lynn Haven Bay should go to Fortress Monroe, and for Gardiner's Bay to Greenport, L. I.

RICHMOND, 3d rate, 14 guns. Capt. F. M. Bunde. At Newport, R. I. (Receiving ship for boys).
MINNESOTA, 19 guns. Receiving ship for boys. Capt. E. M. Shepard. At dock foot of West 56th street, N. Y. City. P. O. Station G. New York.

Special Service or Awaiting Assignment.

BANCROFT, practice cruiser. Commander C. M. Chester. Sailed from Annapolis, Md., for Norfolk, Va., March 10, where her hull will be cleaned and painted.
CUSHING, torpedo boat, Lieut. F. F. Fletcher commanding. At Washington, D. C.
DOLPHIN, 3d rate, despatch boat, 3 guns. Lieut. B. H. Buckingham. At Washington, D. C.
ENTERPRISE, 3d rate, 6 guns. Comdr. J. F. Merry. At Boston, Mass. The address of the ship is P. O. Box 2284, Boston.
FERN, fourth rate, despatch vessel, Lieut. Comdr. J. N. Hemphill. At New York March 14.
LANCASTER, 2d rate, 10 guns, Capt. A. H. McCormick. En route to the United States. Was at Colombo, Ceylon, March 10. All well.
MICHIGAN, 4th rate, 4 guns, (3 howitzers and 2 Gatlings). Lt. Comdr. R. M. Berry. At Erie, Pa.
STILETTO.—Torpedo Boat. Assigned to duty at Newport, R. I.
SARATOGA, Comdr. E. T. Strong. Nautical schoolship of Pennsylvania. On her annual cruise, to return to Philadelphia in May. Due at La Guayra, March 29; Kingston, April 15, and Delaware Breakwater May 5. Was at St. Thomas, W. I., March 7.
St. Mary's, sails, 8 guns, Lieut. Comdr. W. L. Field. Public Marine School, New York. At the foot of 28th st., East River, will sail early in April on her annual summer cruise.

VARIOUS NAVAL ITEMS.

ADMIRAL BENHAM reports that the yellow fever has been eradicated from the *Newark* and the ship has been released from quarantine. It is not at all likely, however, that she will return to Rio, except in some great emergency.

Reports from the Mare Island Navy Yard do not give very flattering accounts of the condition of the *Boston*, now under repairs at that station. The shafting is said to be badly scored, and the condition of the boilers is said to be very bad. A complete retubing is in progress, and it will be some time before the ship is ready for recommissioning.

Several mishaps to battleships having occurred through the inefficiency at critical moments of the steam steering gear, a circular issued by the British Admiralty directs that the steam steering engine and its controlling gear, and all telegraphs and steering shafting, are to be examined personally once a week by the engineer officer of the ship and the result of the examination to be recorded in the engine-room register. A similar examination is to be made on all occasions before getting under way.

The Commission of Inquiry which is investigating the allegations of inefficiency against the French Navy and the charges that the French coast defenses are inadequate has succeeded in obtaining a great deal of evidence sustaining the charges, which were, in effect, that the war vessels of France were practically useless as engines of war, and the coast defenses so weak as to leave the country bordering the sea at the mercy of any first class naval power.

The records and finding of the Court of Inquiry as to the responsibility and the conditions attending the wreck of the *Kearsarge* on Roncador Reef, were handed to Secretary Herbert March 13. It is the impression among naval officers that it will result in a court-martial. All the officers on board the ill fated craft at the time she struck on Roncador reef have been detailed with the exception of her commander, Comdr. Oscar F. Heyerman, and the navigating officer, Lt. Comdr. C. W. Lyman.

The Equipment Office of the Washington Navy-yard is engaged in preparing a new code of night signals for the Navy. Experiments have been going on for some weeks past to this end, but satisfactory results have not yet been obtained. They will be continued, however, until a code is arranged which will be submitted to the Navy Department for its approval. It is understood that a number of changes has been made in the existing code, but as no report of the work has been received at the Department it is impossible to find out what they are.

The Boston Towboat Company's steamer *Orion*, which is to go to Roncador Reef to attempt to raise the U. S. S. *Kearsarge*, sailed from Boston, March 13, for Newport News, Va. Lieut. C. T. Force U. S. N., who represents the Government, will join the vessel at Newport News. The *Orion* is expected to make the trip from that port to Roncador Reef in ten days. Capt. A. Brown, of the steamer *Elliot*, which arrived at Savannah, March 11, reports he passed within four or five miles of the wreck on Feb. 27, and saw through his glasses, nothing but the hull.

M. EMMÉ GAUTHIER, a Frenchman of scientific reputation, quoting the opinion of M. Re'sal, "a man whose word is law at the Académie des Sciences in matters of applied mechanics," asserts that the stability of platform is obtained in heavily armored ships at the expense of statical stability; and, further, that this so called statical stability is itself subject to error, owing to a traditional scientific fault—"an overlooked mathematical error on which all the calculations of constructors have been erroneously based" ("une erreur mathématique inspercée sur laquelle se baseraient à tort tous les calculs des ingénieurs.") Noticing this statement in *Le Moniteur de La Flotte*, M. Mare Landry proposes to substitute for the present turrets disappearing turrets. This would ensure stability in ordinary times of peace and subject a vessel to the risk of carrying too much weight aloft only on the rare occasion of battle. As a ship's heavy guns can only be fought in tolerably fine weather, the risk of a ship fitted with disappearing turrets capsizing in action would be even less than that incurred by an ordinary barbette ship, while her chances of escape from such a catastrophe after the termination of the action would be greater.

It is said that Paymaster A. K. Michler, on duty at the Navy Department, will succeed Paymaster Simpson on the *Detroit*.

The U. S. S. *Dolphin*, now lying at the Washington Yard, is looking remarkably well and has elicited much favorable comment on account of her cleanliness and efficient appearance.

The Bureau of Equipment has ordered from England several specimens of a new and improved clinometer for use on board ship, and will install them on some of the newer ships for trial.

The commanders of the new cruisers *Raleigh* and *Cincinnati* have been finally determined upon. Orders have been issued by the Navy Department directing Capt. Merrill Miller, now commanding the receiving ship *Franklin*, to hold himself in readiness to command the *Raleigh*, and Comdr. Henry Glass, at present on duty at the Mare Island Navy-yard, to command the *Cincinnati*. These ships will go into commission on April 2, it is now expected, without any trial trip. A trial is unnecessary, in view of the fact that they are Government built vessels.

NAVY GAZETTE

MARCH 12.—Lieutenant W. R. A. Rooney, ordered to hold himself in readiness for sea.
 Chief Engineer H. W. Fitch, ordered to appear before a retiring board.

Ensign W. W. Gilman's leave of absence extended until April 12.

Paymaster W. W. Galt, detached from duty as assistant general storekeeper at Norfolk and ordered to duty as paymaster at the same yard, relieving Paymr. H. T. Standliff, who is ordered before a retiring board.

The Secretary of the Navy has accepted the resignations of Cadets M. H. Olsen, of Wisconsin and Max Spitzer, of New York, members of the 3d Class of the Naval Academy.

Assistant Engineer Solon Arnold, detached from the *Mohican* and granted three months' leave.

MARCH 13.—Lieutenant B. T. Walling, Lieut. John Hood, Lieut. W. R. A. Rooney and Ensign H. P. Jones, detached from the *Vermont*, and Ensign N. H. Signor, detached from the *Miantonomoh*, are all ordered to the *Atlanta*, to report on April 2.

Commodore Wm. A. Morgan, detached from duty as commandant of the Pensacola Navy-yard and ordered to command the *Alert*.

Lieutenant C. F. Pond, detached from the *Mare Island Navy-yard*.

Lieutenant J. H. C. Coffin, detached from the *Mare Island Navy-yard*.

Lieutenants A. C. Baker and W. E. Safford, P. A. Engrs. J. S. Phillips and W. B. Bayley, P. A. Surg. L. W. Sprattling and Ensign H. H. Caldwell, detached from the *Mohican*, are all ordered to report on board the *Alert* on April 2.

Lieutenant Charles H. Lyman, detached from duty on the *Kearsarge* and placed on waiting orders.

Commander Oscar F. Heyerman, detached from the *Kearsarge* and placed on waiting orders.

Ensign C. B. Brittain, ordered to temporary duty on the Independence, and directed to hold himself in readiness for duty on the Pacific Station.

Acting Gunner L. F. Hoagland, detached from the works of E. W. Bliss and Co., at Brooklyn, and ordered to the *Atlanta* on April 2.

Ensign T. P. Magruder, ordered to the *Miantonomoh*.

MARCH 14.—Lieutenant F. R. Brainard ordered to the *Fern*.

Lieutenant C. T. Force, ordered to duty in connection with the rescue of the *Kearsarge*.

Ensign A. H. Robertson, detached from the *Kearsarge* and granted two months' leave.

Ensign H. H. Hough, detached from the *Monterey* and ordered to the *Ranger*.

Paymaster I. G. Hobbs, ordered to the *Richmond*, relieving Paymr. John Corwine, who is ordered to the *Detroit*.

Assistant Surgeon E. M. Shipp, ordered to the *Raleigh*.

Surgeon E. Z. Derr, ordered to the *Raleigh*.

P. A. Surgeon Wm. C. Braisted, ordered to the *Columbia*.

Assistant Engineer G. W. Laws, ordered to the *Ranger*.

P. A. Engineer H. T. Cleaver, ordered to the *Ranger*.

Commander John McGowan, ordered to ordnance instruction at Washington, D. C.

Ensign J. H. Reed, ordered to the Hydrographic Office.

Lieutenant John A. Dougherty, ordered to hold himself in readiness to be attached to the *Columbia*.

Commander Henry Glass, ordered to hold himself in readiness to command the *Cincinnati*.

Captain Merrill Miller, ordered to hold himself in readiness to command the *Raleigh*.

MARCH 15.—P. A. Surgeon George P. Lumsden, ordered to the *Yorktown* April 7.

Surgeon Geo. E. H. Harmon, detached from the *Yorktown*, April 7, and granted three months' leave of absence.

Confirmations.

Captain Edmund O. Matthews, to be chief of the Bureau of Yards and Docks.

Captain Lester A. Beardslee, to be a commodore from Jan. 23, 1894, vice Walker.

Commander Henry Glass, to be a captain from Jan. 23, 1894, vice Beardslee.

Lieutenant Commander James H. Dayton, to be a commander from Jan. 23, 1894, vice Glass (subject to examination.)

Lieutenant Theodore B. M. Mason, to be a lieutenant-commander from Jan. 23, 1894, vice Dayton.

Lieutenant (J. G.) Harvey S. Kuapp, to be a lieutenant from Jan. 23, 1894, vice Mason.

Lieutenant (J. G.) Wm. L. Rodgers, to be a lieutenant from Feb. 4, 1894, vice Emmerich.

P. A. Paymaster Charles M. Ray, to be a paymaster from Feb. 7, 1894, vice McDaniel (subject to examination.)

Assistant Paymaster Frank J. Arms, to be a passed assistant paymaster from Feb. 7, 1894, vice Ray (subject to examination.)

Also, subject to examination, the five assistant paymasters nominated last week.

MARINE CORPS.

MARCH 9.—Captain P. St. C. Murphy, having re-

ported in obedience to order of the 1st ultimo, is this day ordered to take command of the Marine Barracks, Washington, D. C., relieving 1st Lieut. H. K. White, who is in temporary command.

MARCH 12.—1st Lieutenant Ben H. Fuller, detached from the Brooklyn Barrack on the 15th instant, and ordered to proceed to Portsmouth, Va., and report on the 25th instant, to command the guard of the *Atlanta*.

MARCH 13.—Major H. A. Bartlett is granted leave of absence for three months from the 15th instant, with permission to leave the United States.

U. S. REVENUE CUTTER SERVICE.

The following orders were issued during the past week to revenue cutter officers: 1st Lieut. E. C. Chaytor, ordered to duty on the *Winona*; 1st Lieut. John Morrissey, detached from the *Winona* and placed on waiting orders; 2d Lieut. J. C. Cartwright, detached from the *Rush* and assigned to the *Chase*; Capt. J. W. Congdon, detached from the *Colfax* and ordered, as President of the Examining Board, to meet at Washington next Monday for the examination of applicants for cadetship in the service.

The revenue cutter *Perry* will not be sent to Bering Sea this spring. The plan had to be abandoned because it was found impracticable to get her there in time for service. She will go early next year. She will be attached to the New York station before leaving for the Pacific.

An examination of candidates for admission into the revenue cutter service as cadets will be held next Monday at Washington and at San Francisco. A similar examination was held some weeks ago, it will be remembered, but a number of the applicants was rejected. The same specifications will apply to the examination to be held next Monday.

RECENT DEATHS.

CAPTAIN DANIEL H. FLOYD, Assistant Quartermaster, who has been on sick leave since November, 1893, and of whose recovery little hopes have been entertained for some time past, died March 10, 1894, at Indianapolis, Ind. Captain Floyd was an officer of well on to a quarter of a century's meritorious service. He was graduated from the Military Academy in 1870, appointed to the 9th Cavalry, transferred to the 18th Infantry in 1875, promoted 1st Lieutenant in 1879, and appointed Captain and A. Q. M. May 2, 1883.

Mrs. DALE, a sister of Gen. Samuel B. Holabird U. S. Army, died March 1, at her residence in Chicago, Ill.

MR. ANDRÉ FREIS, ex-librarian of the Military Academy, died Thursday evening, March 8, at his quarters. The remains will be taken to St. Louis for interment.

COLONEL ERNST, Superintendent of the U. S. Military Academy, in an official order announcing the death, March 7, of Pvt. André Freis, assistant to the librarian, adverts to his service in that capacity since 1884, and says: "The superior character of his service was recognized by Congress in 1871, when in making a substantial increase in the appropriation for the salary of librarian's assistant it provided that for that year it should be paid to André Freis, and to him alone. In his death the Academy has lost a highly esteemed and valued servant. His long career presents a spectacle of resolution in endeavor, of fidelity to trust, and of loyalty to friends which may well be emulated by us all."

(Correspondence of the Army and Navy Journal.)

U. S. NAVAL ACADEMY.

ANNAPOLIS, Md., March 14, 1894.

The *Bancroft* leaves to-day for Norfolk, where she will enter the dock, to be overhauled preparatory to the summer cruise. Lieut. Osterhaus and P. A. Engr. Worthington will accompany her.

According to the present plans for the cruise the *Monongahela* and *Bancroft* will cruise together along the New England coast as far as Halifax, Nova Scotia. The 1st Class, line and engineers, and the 2d and 3d Classes, with the May part of the 4th Class, will go.

Naval Cadet Benny Morris, of the new 4th Class, has been granted leave until June.

Naval Cadets Mack H. Olsen and Max Spitzer, 3d Class, have been dropped.

The proposed masked ball for March 31 has been abandoned.

Mrs. Lieut.-Comdr. Seebree gave a very pleasant party last Saturday night.

Admiral Geo. Brown has been in Annapolis during the past few days, visiting his son, who is in the 4th Class.

The following cadet appointments to the Naval Academy have been made: D. R. Green, of Illinois; William B. Wells, of Iowa; D. H. Bynum, of Indiana; Charles P. Nelson, of Massachusetts; Morris H. Brown, of Indiana; E. T. Constien, of Pennsylvania; E. L. Perkins, of Massachusetts; Harry A. Naylor, of Maryland; Edward Woods, of Massachusetts; Frank F. Freeman, of California; W. W. Arnold, of New Jersey; David C. Harnahan, of Missouri; Henry M. Gleason, of Kansas; Richard Rogers, of Illinois; T. E. Wright, of Tennessee; Burns Ballard, of Illinois; S. Bonnafon, of Pennsylvania; Edward A. Kalfus, of Illinois; James G. Jeffries, of Arkansas; William A. Robinson, of Alabama; A. W. Sharpley, of Kansas, and E. B. Larrimer, of Illinois.

COLONEL SAMUEL TRUEDELL, nominated this week for Pension Agent, New York City, served gallantly as an officer of New York troops during the war and was severely wounded. He is Treasurer of the Society of the Army of the Potomac, a companion of the Loyal Legion, a member of the 7th Regiment War Veterans, and is Quartermaster of George Washington Post, G. A. R. "Sammy" Truedell, as he is affectionately called, is held in high esteem by all who know him, and this appointment will give universal satisfaction.

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THE election of a civilian President for Brazil in
place of the soldier, Peixoto, the declaration by
Admiral De Gama of sympathy with the empire,
and finally the increase of the naval strength of
Brazil have combined to take the heart out of the
rebellion. The final break down came on Tuesday
when the loyal Government forts in the harbor of
Rio—Santa Cruz, Lage, Sao Joao—opened fire on
the rebel fleet. The insurgents refused to accept
battle and their ships sought protection by sailing
between the merchant vessels in the harbor.

Fort Villegagnon was the first to succumb, and
this was followed in order by Iha das Cobras and
the fleet. The Government ships moved into line
and cleared for action, but were not required to
fire a shot. Those who have been waiting to see a
test of the pneumatic dynamite gun are to this ex-
tent disappointed. The officers of the insurgent
ships surrendered and will be tried by Court-mar-
tial. Admiral De Gama is to be excepted, as he
abandoned his ship and took refuge on a foreign
man of war. Admiral Mello, who was in the
South, is reported to have escaped to Montevideo.
The *Aquidaban* and *Republica* are reported to be
in South Brazilian waters, both disabled. The
guerilla warfare in the South may continue, but
without hope of success. Peixoto has certainly
managed with great skill, and the loss of life and
property in this contest has been comparatively
trifling. The firm stand taken by Admiral Ben-
ham has no doubt an important effect upon the re-
sult. The naval representatives of other nations,
especially England, would appear to have sym-
pathized with the insurgents. An important result
of the cessation of hostilities at Rio will be the re-
lease of our naval vessels and the breaking up of
our squadron in Brazilian waters, which we an-
nounced last week, was in anticipation of peace.
Our vessels are sorely needed elsewhere, especially
at Bluefields, where the British seem to be having
it all their own way.

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THE ARMY REORGANIZATION BILL.

In a French commune, as the story goes, once
appeared a mountebank, who announced that he
was able to raise the dead, and by daily proclama-
tion of his intention to depopulate the village church-
yard on a given day and hour, finally succeeded in
convincing the credulous. Excitement grew apace as
the fateful day approached, and one by one those
who had laid their friends to rest in God's acre
called to intercede with the "angel of the resur-
rection." This one had lost a wife he tenderly
loved, but another had taken her place, and he
thought that, on the whole, madame the first would
rest better where she was. If a little present to
Monsieur could induce him to pass her over it
would be cheerfully forthcoming. Another had
parted with a parent, inexpressibly dear to him,
but whose bequests it would be most inconvenient
to return. And so the turmoil grew, until the au-
thorities were obliged to interfere to allay the ex-
citement occasioned by the mere possibility of such
an upsetting of conditions sanctioned by time
and usage. Anything was more tolerable than that.

We commend the moral of this tale to Mr. Outh-
waite in connection with Section 11 of his bill, H. R.
6,139, to reorganize the artillery and infantry. We
believe that the law recognizes what are known as
"statutes of repose," which are designed to pre-
vent the disturbance of relations sanctioned by
time. The argument for and against the applica-
tion of this principle of repose to existing relations
of relative rank ought not to be permitted to interfere
with the passage of a bill so excellent on the whole
as that introduced by Mr. Outhwaite. The attempt
to apply the principle declared in Section 11 will
inevitably set the whole Army by the ears, and the
controversy should be fought out on a separate
measure, if at all.

Aside from this feature Mr. Outhwaite's bill
seems to be as good a one as we can hope for, es-
pecially if he should wisely conclude to make the
number of infantry regiments twenty-one, as he
suggests may be done. The reorganization and in-
crease of the artillery is undoubtedly a crying ne-
cessity. It has already been postponed too long
to the discomfort and injury of this important
arm. We have not been disposed to favor any
measure which was a declaration on its face that
the equally important infantry arm could be spared,
but the present bill is free from the objection we
urged against the measure proposed at the opening
of Congress. While doing justice to the artillery
it reorganizes the infantry on the lines of modern
military progress. Let those who might ask for
more take the good the gods give them, and leave
the rest to time, refraining from opposing the
measure simply because it does not give to each all
that he might reasonably ask for. It is sufficient
to know that, aside from the eleventh section, it is
good as far as it goes, and disturbs as little as pos-
sible existing rights of promotion. It not only

gives to the infantry the three battalion organization but it establishes a precedent for the reorganization of all our possible military forces, regular and volunteer, on the lines laid down by the new Drill Regulations.

The changes contemplated by the eleventh section of the bill are indicated by the following statement of the alterations in the relative rank of lieutenant-colonels and majors of artillery, and lieutenant-colonels of infantry that will result from it. The lieutenant-colonels of artillery will be arranged as follows: Bainbridge, Wildrick, Frank, Guenther, Pennington. Bainbridge gains one file and Wildrick two; Frank loses two and Guenther one. The majors will rank as follows: Sinclair, Miller, Rodgers, Hasbrouck, Rawles, Randolph, Williston, Haskin, Smith, Ramsay, Darling, Rodney, Woodruff, McCrea, and Egan. Sinclair gains three files, Randolph, Smith, Ramsay, Darling, Rodney, and Woodruff, each two; Hasbrouck and Rawles one; Miller, Rodgers, and Haskin, each lose one; Williston, four; Sinclair, six; McCrea and Egan each five. The rearrangement of infantry lieutenant-colonels will be as follows:

Now.	Now.	Then.	Then.
1. Hawkins	14. Wilcox	1. Andrews	14. Overhine
2. Parker	15. Monie	2. Hawkins	15. Page
3. Casey	16. Cook	3. Parker	16. Cook
4. Kellogg	17. Kline	4. Kent	17. Miles
5. Kent	18. Miles	5. Brady	18. Coates
6. Overhine	19. Powell	6. Parke	19. Kline
7. Page	20. Benham	7. Theaker	20. Rabert
8. Brady	21. Kellogg	8. Lyster	21. Powell
9. Andrews	22. Combs	9. Van Valzab	22. Benham
10. Parke	23. Egbert	10. Wilcox	23. Randall
11. Theaker	24. Coates	11. Male	24. Kellogg
12. Lyster	25. Randall	12. Casey	25. Combs
13. Van Valzab		13. Kellogg	

This is as we interpret the bill, though the section is so loosely drawn that we are not quite sure that we understand it. It appears to have been added as a sort of rider after the bill was completed. "Length of service as a commissioned officer" may mean in the regular service, or it may include service in the volunteers, and as there are periods in the records of many officers when they were out of service, this adds another complication. We must await further details before we can fully illustrate the working of this law, but it will play havoc in the list of infantry captains if it means what it says. The cavalry is not included in the provision, and if the agitation is continued we will soon have different laws of promotion for each arm of the Service.

Further, this section takes no account of the grade of first commission. An officer who was commissioned a second lieutenant on June 18, 1845, must be promoted to major under this law before the officer who was commissioned captain on June 19, 1865, if both are captains now.

We add a comparison of the strength of the artillery and infantry as they are now and as they will be under the Outhwaite bill:

Present Strength.	Outhwaite Strength.
Artillery.	Artillery.
5 Colonels.	1 Brigadier-General.
5 Lieutenant-Colonels.	7 Colonels.
18 Majors.	7 Lieutenant-Colonels.
60 Captains.	19 Majors.
6 Adjutants.	2 Quartermasters.
5 Quartermasters.	2 Adjutants.
120 1st Lieutenants.	76 Captains.
65 2d Lieutenants.	76 1st Lieutenants.
3,675 Enlisted Men.	76 2d Lieutenants.
3,995—Total.	4,828 Enlisted Men.
	4,594—Total.
Infantry.	Infantry.
25 Colonels.	20 Colonels.
25 Lieutenant-Colonels.	20 Lieutenant-Colonels.
25 Adjutants.	20 Adjutants.
25 Quartermasters.	20 Quartermasters.
25 Majors.	160 Majors.
250 Captains.	240 Captains.
250 1st Lieutenants.	240 1st Lieutenants.
250 2d Lieutenants.	240 2d Lieutenants.
12,125 Enlisted Men.	14,540 Enlisted Men.
13,002—Total.	15,400—Total.

The Outhwaite bill, therefore, for the artillery and infantry, calls for 18,863 enlisted men out of the 25,000 allowed by law. This number, together with ordnance sergeants, post quartermaster sergeants, commissary sergeants, engineer battalion, and enlisted men unattached to regiments, etc.—in all 3,150 men—leaves a balance out of the 25,000 of 2,982 available for the ten regiments of cavalry. Now the law provides that the ten regiments of cavalry shall consist of 1,650 non-commissioned officers, etc., exclusive of privates. This leaves 1,332 privates for one hundred and twenty troops of cavalry, or, in other words, about twelve privates to each troop.

GENERAL O. O. HOWARD may now accept the decoration of the Loyal Legion of France offered him some time ago, as President Cleveland has approved the joint resolution giving him this permission.

CHANGES OF STATION.

THERE are at present four regiments which may be given orders to move this spring if the transportation fund will allow, the Fifteenth, Seventeenth, Twentieth, and Twenty-fourth. There is little doubt about an exchange between the Fifteenth and Seventeenth, but there is still some question about the Twentieth and Twenty-fourth. Whether they will be transferred to some other section of the country has not yet been finally settled. The Fifteenth will not be moved, however, until Lieutenant Maney's trial for the killing of Captain Hedberg is concluded. A transfer of this regiment at the present time might be interpreted as an expression of opinion as to that deplorable occurrence. Aside from this if the Fifteenth are transferred to another station, the Government would be compelled to pay the expenses of the men who are witnesses in the case, to Chicago and return.

The War Department has been very anxious to give the Twentieth and Twenty-fourth a change, as the Twenty-fourth has been in the Southwestern part of the country for a long period. The Twentieth has also been at its present station for many years, and a transfer of this regiment to a warmer climate is earnestly advocated.

All the changes that will be made in General Otis's command, at least for the present, have been announced this week. Two companies of infantry were ordered to proceed from Fort Sherman to Fort Spokane. It was originally the intention to transfer but one company to the latter post, but in view of the representations made it was thought best to make an addition of two companies to the force at this fort. It had been decided to order a troop of cavalry stationed at Fort Sherman to Fort Walla Walla. This decision was reconsidered, however, and has now concluded to allow this troop to remain where it is until some other disposition of it is made. It has been decided to transfer the remainder of the infantry at Fort Sidney to Fort Plattsburg when the latter post is completed on May 1.

A BOARD of Officers will meet April 28 at the Army Building, New York City, for the examination of lieutenants of the line who desire to be transferred to the Ordnance Department. This desirable position is open to all lieutenants of the line of the Army who have served two years with their regiments and are under 30 years of age. Application for orders to appear before the board are to be made, through military channels, to the Adjutant General of the Army.

THE War Department has received an intimation that it will be asked to give permission to one of our crack cavalry troops to engage in a cavalry competition in England, but no formal request to this effect has yet reached it. Whether such permission will be accorded or not is problematical. Until the request reaches the Department it will, of course, not be considered. There is some doubt, however, as to whether a body of United States Cavalry could leave the borders of this country in time of peace. In talking with a Department official, he said that he had made some inquiries into the matter and found the authorities were averse to the invitation being accepted.

THE influences chiefly operative in producing national wealth, and national greatness, often receive less than they deserve of popular attention, which is more easily attracted to the display of the talkers than of the workers. This is fortunately less so than it used to be, and the undue estimate of the talent for mere verbal demonstration appears to diminish with each generation. The value of the work done at Cramps' shipyard has again been put in evidence by the success of the *Indianapolis*, and it gives proof of industrial development in a direction which is obviously of national importance. The success of the Messrs. Cramp is no mystery, and the head of this house has recently given us proof of the mastery of his calling and of a breadth and liberality of mind which is very gratifying; first in an address before a body of experts in matters concerning his profession and more recently in answering criticisms upon some of our new Navy vessels. Our progress toward the control of the sea must

advance *pari passu* with the development of the art of shipbuilding, and the man who contributes to it is planning for the future not less than for the present. It needs only a few years of wise encouragement to give to our shipyards a position of control, which, as our past experience has shown, when once lost is not easily regained.

SECRETARY HERBERT this week ordered the consolidation into one command of the naval training station, the Naval War College and Torpedo School on Coaster's Harbor Island, and the naval torpedo station on Goat's Island, in the harbor of Newport, R. I. The command is to be known as the U. S. Naval Station, Newport, R. I., and will be under the command of the senior commanding officer on duty at that station. It was only after much consideration that this action was taken. Secretary Herbert believes that the consolidation will give better results than if the old order of things had been continued.

THE compilation of the Records of the Rebellion is about completed, and the last officer who has been engaged on this work has been detached from it and ordered to return to his regiment. He is Captain Sumner H. Lincoln, of the 10th Infantry. It has been troublesome work and its completion is a matter of congratulation to Army officials. After the close of the war and up to a few years ago the Rebellion Records were left lying about the Department without much care being bestowed upon them to keep them in safety.

WE have a complaint from the Marine Barracks at Annapolis of an insufficiency of light and heat, and our correspondent objects that he cannot see to read his newspaper, presumably the ARMY AND NAVY JOURNAL. Our correspondent says: "I am of the opinion that the richest country in the world could at least (and I am sure would if the matter was properly sifted out) allow us the use of all the gas jets in our rooms, and also provide us with sufficient steam, for bathing purposes, anyway, if not for heating our rooms."

A LOS ANGELES despatch says: "More than 800 unemployed men have organized here for the purpose of joining the army of unemployed from the Eastern States in the march to Washington. Gen. Frye, who is in command, sent word to the Secretary of War March 13 regarding the movement of the Army—which is expected to number 3,000,000 by the time it reaches Washington—and asked him to order the issue of rations at various points en route to provide public transportation." He will doubtless reply that the transportation fund is sufficiently limited for an Army of 25,000, not to speak of one of the imperial dimensions named.

A CORRESPONDENT asks us to point out that one grave injury to discipline and steadiness is the consideration given by the military authorities to requests for transfer from men who get weary of the infantry and want to go to the Cavalry, then think a little Artillery service would suit them better, and so forth. He says: "Before joining the U. S. Army I served seven years in an English Infantry regiment, and during that time not one single transfer took place. There transfers are only made when required by the needs of the service, of which the subordinate is not the judge."

ONE of our subscribers, in a letter just received, says: "It has been my privilege to read the JOURNAL for upwards of twenty years and I consider it a patriotic mission, occupying a field almost deserted in these days of money getting and political selfishness. Through it the non-military public becomes, in some measure, acquainted with the Services as they really are, not as they are thought or desired to be by the daily press, which has set itself up as public censor. Scant is the place in the esteem of the masses that is accorded the uniform of honest blue. I believe the ARMY AND NAVY JOURNAL to be the real friend of the Army, entirely separate from commercial considerations, and therefore I believe that every man wearing the uniform is in honor bound to be loyal in turn to the storm-tried 'Old Ironsides' of military journalism—the ARMY AND NAVY JOURNAL."

EVERY one who knows Actg. Rear Admiral Henry Erben will join with us in the hope that the fates may be propitious to his retirement in September with the rank of rear admiral. The two retirements in the rank of rear admiral which occur previous to September will still leave Commodore Erben two short of a vacancy, but his friends are hoping that some of his seniors may anticipate their date of retirement for his benefit.

MESSRS. HATFIELD AND SONS, 239 Fifth avenue, publish an illustrated card with nineteen figures showing the prevailing styles of garments to be worn during the spring and summer seasons of 1894. To appear in one of Hatfield's suits is to proclaim one a well-dressed man.

THE appointment of a Chaplain in the Navy, which was announced last week, leaves three vacancies. The limits of age is between 21 and 35. The position being for life is considered very desirable, and there will no doubt be many applicants for the vacancies when their existence is known.

AN examination of candidates for appointment in the Medical Corps of the Army was held last Monday before a board of medical officers at the Army Medical Museum in Washington. There were thirty applicants and only seven vacancies. The results will be announced next week.

THE surviving members of the 21 Corps of the Army of the Potomac celebrated the 32d birthday of their organization in Washington last Tuesday evening by a banquet. Around the table were seated the invited guests, Gen. Daniel E. Sickles and R. N. Batchelder, Col. J. B. Batchelder, Gen. H. H. Bingham, Col. M. E. Urell and Representative Amos Cummings, chairman of the House Naval Committee. Gen. Sickles, after the banquet, invited the 2d corps to the anniversary of the 31 corps on May 4 and 5 next. This was arranged for at a general meeting of the 35 Army corps held in Washington last Tuesday evening. Gen. J. N. Patterson was chosen chairman of the Reunion Reception Committee and Col. A. H. G. Richardson of the committees on sociables and printing.

THE eccentricities of Colorado's Populist Governor appear to have thrown the State of Colorado into a ferment, and excitement runs especially high in Denver, where Brig.-Gen. A. McD. McCook, U. S. Army, commanding the Department of Colorado, has been called upon to interpose to preserve the public peace with troops from Fort Loran. The difficulty arises over a dispute between Governor Waite and police department of Denver, Col., as to the right of the Governor to remove two members of the Police and Fire Board. The deposed members obtained an injunction from the District Court to restrain the Governor, with others, from taking possession of the office of the Police and Fire Board by force. Then after several days' deliberation the Governor decided to ignore the injunction, and so issued his order to the militia to take possession of the City Hall. The Police armed themselves to resist attack, and provided themselves with dynamite cartridges to strengthen their defence of the City Hall. In answer to the entreaties of a committee of citizens Gov. Waite said: "I shall order the militia to fire. The people may assassinate me if they will, but I propose to have my way." This was the situation when Gen. McCook was called upon Thursday by the Governor for troops. On their arrival the militia were ordered to their armory. They consisted of the 1st Regiment C. N. G., and the Chaffee Light Artillery with four gattlings. They were prepared for an attack when the Governor was persuaded to suspend his order. The telegraph reports that when Gen. McCook was called upon by the Governor he telephoned to the Chief of Police that he would aid that officer to keep the peace at all hazards. This move was not expected by the Governor, and he saw that he could no longer insist upon an attack.

THE quartermasters of the Departments of the Platte and the East have been ordered to furnish transportation for the four companies of the 21st Infantry at Fort Sidney, Neb., to Plattsburg, N. Y., June 1. The other companies will be transferred as soon as the new quarters are completed, it being the intention to make this a regimental post.

NEW CAVALRY CAP.



BELIEVING that a large majority of cavalry officers desired to discard the present uniform cap for one more suitable to mounted service, I selected a cap which appeared to be most in favor of any models shown up to the present time, and requested an expression of opinion from such officers as could be easily reached. Criticisms were requested, and I had a new cap prepared, and soon after another, which is shown in the accompanying picture. I have endeavored, with the professional assistance of Mr. H. V. Allen, whose house kindly prepared the models, to arrange the dimensions and shape of the cap to meet the wishes of the majority.

The model caps were sent by me to all cavalry regimental headquarters, West Point, World's Fair, Jefferson Barracks and a few neighboring garrisons, and all the officers were requested to vote and express any opinions they desired. When the models

and votes were all sent to me, it was found that a majority of three-fourths of those voting were in favor of the cap. I then notified several posts which could be quickly reached, that the majority was very large, and suggested that any who wished to withdraw opposing votes could do so. Some declined, but many gracefully joined the large majority that very nearly 80 per cent. of all cavalry officers reached now stand on record as favoring the new model cap. This information has been forwarded to the Adjutant General of the Army, with the model which is represented in the illustration.

To secure consideration from any source, it is always necessary to have unity of action, and, even if the cap does not prove as satisfactory as it is hoped it will, the cavalry has shown its ability to "get together." When some one discovers a perfect cap or dress hat let us give a unanimous vote, but in the meantime I hope we may have an opportunity of wearing the proposed cap, which furnishes protection to the eyes, does not have to be tied on and may save a few soap locks.

W. H. CARTER, Capt., 6th Cavalry.

FIFTY-THIRD CONGRESS.

THE re-arrangement of the Democratic membership of the Senate Committee, made necessary by the resignations of Senators Walthall and White, was made by the Senate on Tuesday. It resulted in the selection of Mr. Bate, of Tennessee, for the chairmanship of the Committee on Military Affairs, for which several Senators were candidates. Senator Cockrell, of Missouri, was the ranking member of the Military Committee, but as he is the chairman of the Committee on Appropriations he could not succeed to the chairmanship. The vacant place on the Committee was filled by the assignment to it of Senator Pasco, of Florida. Senator Pasco served in the Confederate Army as a private during the late war. He has never manifested any particular interest in military affairs since he has been a member of the Senate, but he is regarded as a careful, conscientious worker, and he will probably do good work on the committee.

The bill granting a pension of \$100 per month to Martha, widow of the late Maj.-Gen. Ethan Allen Hitchcock, late U. S. A., and grandson of Ethan Allen, of Revolutionary fame, has been reported to the House unfavorably.

The House Committee on Pensions has reported the bill granting a pension to Cornelia de Pevster Black, widow of the late Col. Henry M. Black, U. S. Army, with an amendment reducing the pension from one hundred dollars per month to fifty dollars per month. Mr. Taylor, of Indiana, submitted a minority report signed by himself and Mr. Clark, of Missouri, in which they argue against the granting of special pensions to widows of Regular Army and Navy officers. They point out that there are several acts of Congress under which Mrs. Black could apply for a pension, and they say in conclusion:

"The distinguished character of the service of the soldier is fully understood, but no especially urgent necessity or unusual circumstance is advanced as good ground upon which to base the proposed action in the case of the widow. She has no young children to support, and she has some \$4,000 from which to derive an income; and this income can be materially increased through an application to the Pension Bureau under one of the acts above cited."

"If there is any justice in the granting of these large pensions to the widows of Regular Army and Navy officers, to the exclusion of the widows of the volunteer soldiers who lost their lives in defence of the Union, the allowance should be made by general enactment, and thus relieve Congress of the necessity for giving time and labor to the consideration of bills framed in the interest of a favored class."

The House on Wednesday passed the bill already passed by the Senate appropriating \$2,000 to relieve Brig.-Gen. John R. Brooke from a judgment obtained against him in New Mexico for arresting two men in the course of his duty.

The Senate Committee on Naval Affairs submitted a favorable report on Wednesday on the bill to remit to the Cramp Shipbuilding Company the penalties on the *Vesuvius*, amounting to \$39,000.

The House Committee on Naval Affairs has reported favorably a bill to loan the Columbian caravels to the American Red Cross Association for one year.

The House Military Committee had a hearing Friday afternoon and heard Messrs. R. J. Fanning and J. P. Lockwood in behalf of an amendment to the present retirement law for enlisted men for the army, and for a measure providing for a retired list for the enlisted men of the Navy. These two gentlemen compose a committee appointed by the National Convention of the Army and Navy Union last September for the purpose of looking after various measures for the benefit of the enlisted men of the services. They desire the present retirement law for enlisted men to have a retirement feature of 25 years instead of 30 years. They intend seeing Chairman Cummings and asking him to call a meeting of his committee to give them a hearing in relation to a measure providing for a retirement law for the Navy. Representative Meyers, of the Joint Commission, will be seen in relation to the same subject.

The Senate Committee on Military Affairs has submitted a favorable report on the bill authorizing the payment of \$1,396.31 to Capt. John W. Pullman, of the Quartermaster's Department, in adjustment of his revised account as certified by the Second Auditor of the Treasury to the Second Comptroller.

The House Committee on War Claims has reported favorably the bill to pay Sarah Upton Edwards, executrix of the late Emory Upton, \$2,200 as additional ration allowance due that officer for prior length of service in the Army.

The Senate Committee on Naval Affairs has reported favorably the bill to authorize the payment to Rear Admiral John H. Russell, retired, of the highest pay of his grade.

The provision for a retired list for general service clerks and messengers is repealed, and educational institutions at which Army officers are detailed as instructors are required to furnish quarters for such officers. The total appropriation carried by the bill is \$23,578,284.68, against \$24,208,639.75 appropriated last year and \$25,342,918 estimated for this year.

The House Committee on Military Affairs completed the Army Appropriation bill on Friday, though it will not be reported to the House before next week. The committee carried out the plan of reductions heretofore outlined in the JOURNAL. It is provided that when a vacancy shall occur the number of major generals shall be reduced to two, one of whom shall have the brevet rank, pay and allowances of a lieutenant general. When a vacancy occurs in the grade of brigadier general in the Signal Corps the head of that corps is to be a colonel to be appointed by selection.

There is to be a gradual reduction of 35 in the number of officers in the Medical Corps by a provision that no appointments as assistant surgeon shall be made until the number is reduced below 90. In the same way there is to be a reduction of the number of chaplains to 20, with a provision that the administration council at a post where no chaplain is stationed is authorized to provide religious services at a cost of not more than \$1,500 per year.

The Naval Appropriation Bill reported to the sub-committee on Friday, carries \$26,000,000, little less than the estimate. Provision is made for new machinery for the *Chicago* and *Hartford*, and the Secretary is given authority to build four torpedo boats in place of dynamite cruiser No. 2, and two torpedo boats in lieu of the submarine boat.

BILLS INTRODUCED.

S. 1744, Manderson. That the adjutant and inspector, the paymaster, and the Q. M. of the Marine Corps, after 35 years' service, shall have the rank of lieutenant colonel, and after 45 years' service, when retired, the rank and pay of colonel retired. Sec. 2. That appointments to fill vacancies in the office of adjutant and inspector and of paymaster of the Marine Corps shall be made by selection from the line officers on the active list who have served 20 years and upward; but nothing in this Act shall entitle any of the above named officers to back pay or allowances.

S. 1756, Butler (for McPherson). That the articles for the government of the Navy be, and the same are hereby, amended by adding thereto the following: "Article 63. The depositions of witnesses stationed or residing at such a distance from the place where a naval court is held or who are under orders and about to go to such a distance that it is not, in the judgment of such court, practicable to secure their personal attendance without incurring unreasonable expense and loss of time, if taken on reasonable notice to the opposite party and duly authenticated, may be put in evidence before such court."

[Mr. Cummings introduced a similar bill (H. R. 6192) in the House.]

S. 1760, Daniel. That the Secretary of War be, and he is hereby, authorized to expend the sum of \$115,000 in providing and deepening a channel 150 ft. wide and 23 ft. deep from Hampton Roads to the Navy-yard near Norfolk, Va., and the said sum is hereby appropriated for that purpose out of any money in the Treasury not otherwise appropriated.

Sec. 2. That this Act shall be in force from its passage.

[Senator Daniel also introduced the substance of this bill as an amendment proposed to be offered to the Sundry Civil Appropriation bill.]

S. 1770, Mr. Hunton. To place the name of Robert P. Barry among the retired officers of the Army, with his former rank, but without pay.

TRIAL OF THE INDIANA.

THE preliminary trial of the U. S. battleship *Indiana* in which she made a record of 15.06 knots off the Cape of Delaware, is considered unusually satisfactory, especially when it is remembered that her bottom has not been painted or cleaned since she was launched over a year ago. Then she drew three feet less than she will on her official trip, her side armor, turrets, guns, etc., not being on the vessel yet. With her proper weights aboard and a deeper immersion, her speed will undoubtedly show a material increase. Mr. E. S. Cramm, in speaking of the preliminary trial, said: "The *Indiana* on this trial has already shown a marked superiority over what was to be expected in the class of vessels of which she is a representative. Despite her great breadth of beam, she was not in the least clumsy, but handled very easily. She steered finely and turns magnificently, and we have every reason to be more than satisfied with her performance."

The following particulars of the trial are given: After the *Indiana* arrived at Five Fathom Light two runs were made North and South under natural draft, the twin screws reaching 116 revolutions per minute, and a speed was attained of 14 knots. The fires were burning the ordinary Clearfield coal and the engines behaved beautifully. Two more runs were made over the same course with half an inch air pressure in the fire rooms—one half the pressure allowed by the contracts. Under these conditions the screws reached 118 revolutions, and the speed was 14.8 knots. This was within one fifth of a knot of the guarantee of 15. Then the full air pressure of one-inch was turned on, and the *Indiana* ran twice over the course, reaching a speed of 15.65 knots, nearly three-quarters of a knot above the guarantee. The screws on this run made 128 revolutions, and the engine cards indicated that a horse-power of 8,000 had been reached. These figures give assurance that upon the official trial the *Indiana* will win a good premium on speed for her builders. The horse-power to be developed upon the official trial will be 9,000, and with the advantages of hand-picked coal, clean fires, deep water and a straight course, it is fair to presume that the speed will be at least 16 knots an hour, probably 16½ knots, in which case the premium will be \$150,000. The average draught of the vessel on the preliminary trial was only 21 feet, while on the official it will be 24 feet. The official trial, it is expected, will take place in about a month.

THE report of the Stability Board on the incline tests of the battleship *Indiana*, has been received by the Navy Department. The report states that the *Indiana* carries all her normal fighting allowance weights on a draught of 23 ft. 10½ inches. This is 1½ inches less draught than that calculated for her by her designer. To immerse the ship to her calculated draught of 24 feet would require 81 tons of additional weight. It was found on inclining the *Indiana* that she had a metacentric height of 3 feet 5½ inches. This goes to prove her stability and agrees almost with the metacentric height, 5½ inches, calculated for the ship before a rivet was crunched in her hull.

ISSIONER BLOUNT, AND THE NAVY

On Feb. 16 the House of Representatives passed a resolution calling upon the Secretary of the Navy to report "by what authority instructions were issued placing the armed naval forces of the United States under the orders of Hon. James H. Blount, special commissioner to Hawaii, and to furnish copies of all orders, directions, instructions, or official suggestions issued by him, or any officer of the Navy Department, or of the Navy, since March 4, 1892, concerning the use or movements of the armed naval forces of the United States at the Hawaiian Islands." In an answer dated March 10 the Secretary sends his letter of March 11, 1893, to Admiral Skerrett, in which occurred the following:

You will consult freely with Mr. Blount, and will obey any instructions you may receive from him regarding the course to be pursued at said islands by the force under your command.

The instructions of the State Department to Mr. Blount are also quoted. They are in part as follows:

Your authority in all matters touching the relations of this Government to the existing or other governments of the islands, and the protection of our citizens therein, is paramount, and in you alone, acting in co-operation with the commander of the naval forces, is vested full discretion and power to determine when such forces should be landed or withdrawn.

In the judgment of the President your authority, as well as that of the commander of the naval forces in Hawaiian waters, should be, and is, limited in the use of physical force to such measures as are necessary to protect the persons and property of our citizens. * * * Should it be necessary to land an armed force upon Hawaiian territory on occasions of popular disturbance, when the local authority may be unable to give adequate protection to the life and property of citizens of the United States, the assent of such authority should first be obtained, if it can be done without prejudice to the interests involved.

Explaining his action the Secretary says:

I deem it to be at all times the duty of the naval forces of the United States, in matters affecting our foreign relations, to act in subordination to and in the fullest co-operation with the policy of the civil branch of the Government, and not to take the initiative in such matters, unless in accordance with the letter and spirit of such general or special orders as may be issued to them by the Secretary of the Navy, or when required to do so in cases of special exigency by circumstances of such gravity and urgency as to admit of no delay. If the observance of this general principle is incumbent upon the naval forces of the United States in their relations with our diplomatic representatives in foreign countries under ordinary circumstances, it becomes particularly important upon occasions when a direct representative of the President is charged with duties of a comprehensive, delicate and confidential character is sent abroad.

Believing that the action taken by the Department in its order of March 11, 1893, was not only proper and necessary in order to preclude the possibility of any misunderstanding or conflict of authority which might have resulted in serious embarrassment to American interests, and, further, that such action was in harmony with established precedent, I have to state in response to the direct inquiry contained in the resolution of the House, as to my authority for issuing the order in question, that said order was issued by authority of the President, who, by constitutional provision, is made commander-in-chief of the Army and Navy of the United States.

(Correspondence of the Army and Navy Journal.)

FORT RILEY, KAS.

MARCH 11, 1894.

SEVERAL ladies and gentlemen from Junction City entertained the members of this garrison under the auspices of the Kessler League at the post hall last Wednesday evening. The programme consisted of several excellent recitations, some fine music and singing, and concluded with a flag drill executed by 18 young ladies, dressed in white, in a most praiseworthy manner.

The entertainment given by the Fort Riley Theatrical Co. last Tuesday evening was well attended, but failed to meet the usual good impression on the audience.

Capt. S. L. Woodward, 10th Cav., was a visitor at the post during the week from Ft. Leavenworth to inspect several public houses, reported to be unfit for service by Capt. Fuller, 7th Cav.

1st Lt. N. Cholson, R. Q. M., 7th Cav., escorted a military prisoner to the Leavenworth Military Prison on March 6 and returned last Thursday.

Maj. Geo. R. Smith, Paymaster, U. S. A., is expected to arrive here to-day and pay the troops to-morrow.

In Gen. Forsyth's report for 1893 relating to the Cavalry and Light Artillery School, are some excellent recommendations, which will doubtless be concurred in by the Secretary of War.

Lt. Symmonds, 7th Cav., and Mrs. Symmonds have arrived from Ft. McIntosh, Texas, where the couple was joined in the holy bonds of matrimony.

Asst. Surg. Brewer rejoined from Fort Monroe, Va. on March 5.

Capt. Dodd, 3d Cav., is instructing the non-commissioned officers of his squadron in "military sketching," while Veterinary Surg. Lomay every Saturday on "anatomy of the horse." These lectures all the non-commissioned officers of the post are required to attend.

Robert J. Briggs, recently discharged from Troop G, 3d Cav., has started in business and runs a hack between the post and Junction City, and will doubtless prosper in his new undertaking.

Several enlisted men from this Fort are expected to take a six months' furlough, and will be engaged for a six months' trip by Col. Cody or Buffalo Bill.

OBSEVER.

Capt. Samuel L. Woodward, 10th Cav., is a visitor at Riley, the guest of Col. Carpenter.

Capt. M. M. Brewer, Medical Department, has returned from a tour of detached service at Fort Monroe.

At the last meeting of the Lyceum, Capt. E. B. Fuller, 7th Cav., read an interesting paper on the "Instruction of Non-commissioned Officers."

Much praise is given to the technical lectures of Senior Vet. Surg. Daniel Lemay, 7th Cav., on the horse in the Lyceum course.

Capt. Fuller and Dodd, instructors of the non-commissioned officers of their respective squadrons, are meeting with hearty co-operation on the part of the non-commissioned officers, and the results are exceedingly satisfactory.

Dinner parties were given during the week by Mrs. Tate, Mrs. Bell, Gen. Forsyth, Capt. Fuller, Capt. Garlington and Lieut. Rice.

ORDNANCE NOTES.

The Bureau of Ordnance of the Navy Department received last Wednesday the report of Lieut. N. E. Mason, giving the results of the test of one of the experimental 10½ inch Harveyized nickel steel plates, manufactured by the Carnegie Steel Company. The plate was the first of its kind turned out by the new furnaces of the Carnegie Co. From an 8 in., 35 calibre breechloading rifle two rounds were fired. In the first round a charge of 93.4 pounds was used, giving a striking velocity of 1,841 f. s. and a striking energy

of 5,881 ft. tons. A special projectile of the Carpenter make struck the plate, smashing on it, the point and part of the ogival welding into it with a penetration of about 3½ inches. The plate was slightly dished and cracked through from impact. In the second round a charge of 108½ pounds was used, giving a striking velocity of 2,000 f. s. and a striking energy of 6,941 ft. tons. A Holtzer A. P. projectile, weighing 250 pounds, which was fired smashed upon the plate; its point and ogival welded into it about 6 inches. The plate was chipped and scuffed in a rough circle around impact, width of zone about 4 inches, depth about half an inch. Back bulge was 1½ inches. The upper left hand corner of the plate was broken off through cracks of first impact, and barely held by one armor bolt. Four radial cracks opened out from that impact. This impact developed one narrow through crack, running to top of plate. A small through crack developed downwards and to right edge, and another downward and to left to bottom. The other plate of the same character furnished by this Government will be tested with a 10 inch gun next week.

Under the auspices of the Ordnance Department of the Army a preliminary test of the "Gruson Minimum Port Gun Carriage" was made last week at Sandy Hook, by firing three rounds from a 12-inch gun mounted on it. The carriage was bought by the Department from the Krupp Manufacturing Co. and is intended to serve as a type for casement carriages. It is supposed to be mounted in a turret, and is called minimum port, as the traversing of it only exposes a little of the gun. A complete test of it will be made at an early day.

The efficiency of the oil furnaces of the Naval Ordnance Factory was never better illustrated than a few days since during the jockeying of one of the new six inch high-powered guns. The process took but a few minutes and was a complete success. No hitch or accident of any sort marred the operation, and the gun will be finished up with all practicable speed for use on board one of the newer ships to be commissioned the coming spring.

Experiments with electric search lights as a means of coast defence will be conducted in about a month at the Sandy Hook Proving Grounds. The experiments will be made under the supervision of the Ordnance Department of the Army, and for the purpose of discovering what degree of light is best suited for the purpose desired. The Department recently purchased the big electric search light, which was on exhibition at the World's Fair. This will be mounted in about a month at Sandy Hook, and through it the Department officials hope they will be able to obtain a good idea of the character of light best adapted for the Service.

Much interest is being manifested in naval circles over the test of the first thirteen inch, sixty ton, high powdered rifle, at the Indian Head Proving Ground. The rifle was constructed at the Naval Gun Foundry in Washington. Its trial has been delayed as it was found necessary in order to transport the gun to Indian Head to build heavy trucks especially for the purpose. It is the intention of the officers in charge of the test to determine the power, strength, ease, rapidity of manipulation and other characteristics of the gun. Smokeless powder of both domestic and foreign manufacture will be used and the comparative merits of each will be obtained. The date of the test depends wholly upon the length of time which will be consumed in mounting the gun upon the hydraulic carriage, which is the invention of Lieut. F. F. Fletcher, of the Navy. The carriage was recently tested and found to work satisfactorily in every respect. This gun is intended as one of the four which will form the main battery of the *Indiana*, the ship that is undergoing trial. The *Massachusetts* and the *Oregon* will also have four of these guns projecting from the forward and after turrets.

We announced last week that a new model sword belt had been sent to Fort Leavenworth for trial. The following are some of the views submitted to the post adjutant:

"Belts with patents upon them are decidedly objectionable."

"The present belt suits me very well. Do not believe in innovations for the benefit of patent right men."

"Objectionable in every feature. I prefer the present belt and am opposed to any change."

"The belt is too narrow. Appears to have no real advantage."

"Very good for light swords, but not suitable for cavalry."

"I prefer the present belt."

"I think the belt an improvement on the old one."

"Do not like the belt."

"I like the belt."

"Am satisfied with the belt authorized by the present Regulations."

"Better than the present one, but not what is needed."

"A slight improvement over the old."

"The belt now in use is preferable."

"The belt is, in my opinion, not at all suitable for the requirements of the mounted service."

As a result of the tests of barrels for the Navy small arms, which were concluded on March 9, at Newport, the Ordnance Department of the Navy has issued the following invitation to inventors to submit their designs of a breech closure magazine, to be fitted to the thirty inch barrel, selected by the Board conducting the tests: "The Department hereby publishes that on Aug. 1, 1894, a Naval Board will convene at the Naval Torpedo Station, Newport, R. I., for a test of magazine rifles suitable for adoption for the Navy and Marine Corps. The tests will be for the selection of a breech closure magazine adapted to the ammunition and the calibre already decided upon by the Department and only such arms will be considered as are submitted subject to the specifications and tests laid down in the accompanying circular. Persons wishing to submit arms must deliver them to the Inspector of Ordnance at Newport, on or before Aug. 1, 1894." The accompanying circular is an extremely long paper and any gun that can come up to the requirements imposed by

the Department will be a model piece. It states that each rifle must be accompanied by a written agreement from the inventor either to manufacture such arms in the United States or to sell the right to manufacture them at stated prices. The small arm adopted for the Naval Service and upon which bids are required, it continues, is to have the following general characteristics: Calibre, six millimetres; length of barrel, 30 inches; rifling, 6 grooves, bullet, steel jacketed, 135 grains weight; cartridge, brass, maximum capacity, 40 grains rifle, charged about 35 grains. The barrels will be supplied by the Government, rifled but unchambered and with the receiver thread uncut. The tests which the arms will have to undergo will be very severe. In the first place they will be tested for safety and general action and for this purpose 40 shots will be fired, twenty by the inventor himself or an expert and the remainder by an inexperienced person. An endurance test will be followed when 500 continuous rounds will be fired without cleaning the piece and an examination of the arm will be made at the end of each fifty rounds. What the action of the gun will be when discharging defective ammunition will be ascertained by firing 10 shots, projected alternately by good and bad ammunition. The power of the extractor will also be tested by the use of cartridge cases made to stick by resin or some similar material. The gun will be excessively charged and five shots fired to discover its strength. To gauge its rapidity and accuracy as a magazine gun, 20 shots will be fired from the shoulder. In this latter test only the hits will be counted. There will also be tests of the piece in reference to its power to stand dust and rust. The circulars were prepared by the small arms Board, which tested the barrel for the new piece at Newport, and were approved by Secretary Herbert. The Board is composed of Comdr. George A. Converse, senior member; Capt. George C. Reid, U. S. Marine Corps, Phillip R. Alger, Professor U. S. Navy, and Ensign A. C. Diefenbach. The report of the barrel tests shows that the Board fixes the weight of rifle case best adapted for the gun and cartridge at 35 grains. This charge gives as a mean of thirty shots a velocity of 2,454 f. s., at 60 feet from the muzzle and a maximum pressure from a mean of 30 other shots of 44,000 pounds per square inch. Two lengths of barrel 30 and 29 inches respectively were tried, resulting in the adoption of the former. Appended to the report is a recommendation that a bayonet or knife of a sword pattern be used for the gun. The report states that it is the opinion of the Board that a minimum time of four months from the receipt of the circular will be necessary for the development of designs by inventors and Aug. 1 next is recommended as the date for the beginning of the test.

After many vexatious delays, the 13-inch gun has at last been received at the Indian Head Proving Grounds. Two hours of last Tuesday were consumed in the operation. The gun was swung on to the steel trucks, built especially for the purpose, by means of the huge cranes, and was then hauled on board the steel scow of the Government. A good deal of trouble was experienced in landing the huge piece at Indian Head, although only a short forty minutes were consumed in this work. The gun will be mounted on an hydraulic carriage, a new invention, during the week, and the test of the piece, which has been so long deferred, will probably occur either next Tuesday or Wednesday. The gun will fire a 110 pound projectile and to attain the required velocity of 2,100 f. s. will have to be charged with about 550 pounds of powder. On this latter point there is some doubt, and it is the intention of the Ordnance Department to find out exactly what amount of powder will be required to obtain such a velocity. Tests will also be made for the amount of powder that must be expended for the reduced charge, a charge that must give a velocity of 1,700 f. s.

The Ordnance Department has received the report of Maj. Wm. F. Randolph, commanding the 31 Artillery at Fort Riley, Kas., showing the results of the annual target practice of his command for the year 1893. He also reports the effect of twelve shots by Co. F, of the 2d Artillery, with reduced charges. As none of the officers of his command, he reports, had a practical knowledge of the use of the new shrapnel, he found it essential to proper instruction and to ascertain the effect of the shots, to erect three of the regulation land targets, placed end to end, making one target sixty feet long, upon which 24 silhouette pictures were fastened. The firing was divided into known and unknown distances, at visible and known distances, and at invisible targets. For the latter practice three regulation land targets were placed in echelon at 25 yards distances. Twelve shots fired by Light Battery F with charge of powder reduced to one pound six and one-half ounces showed the effect of indirect fire upon troops under cover. At the close of the shrapnel firing, the report continues, the non-commissioned officers fired at unknown distances with base percussion shells. Some slight irregularities were observed in the time of burning of the fuzes. This was due, it is thought, to faulty cutting. Maj. Randolph recommends that the fuzes be reduced to one-tenth of a second. The cylindrical body of one of the shrapnels was found after it had been fired. It was not entirely fractured by the bursting charge, but had merely split along a portion of one of the longitudinal lines of weakness. Altogether the practice was very satisfactory, but Maj. Randolph believes that his command should be furnished with a larger quantity of ammunition in order to give it an opportunity to get more practice.

The Ordnance Department of the Army is making preparations for a test of armor piercing shells, which will take place at the Sandy Hook Proving Grounds within the next week or two. The Carpenter Works have furnished a quantity of twelve inch projectiles for the test, and it was expected that they would have been given a trial during the past week. Owing to the failure of the armor plate to reach the grounds, the test had to be deferred. The plate will be placed in position, however, shortly, and the trial will then take place. The Sterling Steel Company, of Pittsburgh, and the Midvale Steel Company, have also supplied several twelve inch projectiles for test. All these shells weigh one thousand pounds, and are intended for the coast defence works.

THE STATE TROOPS

NEW YORK MARKSMAN'S BADGE.

In some criticisms upon the marksmen medals for the National Guard of New York, the *Sunday Mercury* informs us that besides being considered ugly, they are of "poor workmanship." It is also stated that "the beautiful so-called bronze medal is nothing more than brass, with a thin coating of bronze, and a very thin coating at that."

The constituents of bronze and brass are so nearly the same, that there is little difference in their relative values, and it is difficult to understand the motive for putting "a thin coating of bronze" on a brass medal, if it were possible to do so. The medal in question is not, however, of brass, but of a very high quality of bronze, as we learn on inquiring from Messrs. Tiffany and Co., the manufacturers, whose reputation is such as to forbid the suspicion of negligent work. They are, indeed, the very Gibraltar of taste, knowledge, skill, and credit. The composition of the metal of which the medals are manufactured is as follows: Refined Lake Superior copper 416 parts, Fillesia spelter (zinc) 51 parts, purified tin 16 parts.

What the objector has rubbed off of his medal apparently is not a thin coating of bronze, but the soft color which was added in imitation of the antique medals that have been mellowed by time. It is this treatment for color that has been mistaken for a "thin coating of bronze."

Tiffany and Co. were at some trouble and expense to produce the color, but it appears to have been a labor wasted upon the uninstructed, who have perhaps polished their medals to match their shining brass belt plates.

The conception of the medal and its realization in metal is, among the well informed, allowed to be excellent. Gov. Flower, Commander-in-Chief, Gen. Whitlock, General Inspector of Rifle Practice, and other officers of the Governor's staff, to whom the design was submitted before the dies were hardened, carefully inspected and accepted the work as a serious, dignified, appropriate emblem, and so it stands before every one whose idealism enables them to feel the significance of a medal, apart from the intrinsic value of the metal, from which it is struck.

That there were narrow limitations as to price in making these medals should not be forgotten. When the weight of metal employed, the fine modeling of the surmounting eagle, the life and expression thrown into the encircling wreath, is considered, it is surprising that so excellent a medal could be produced for the money. Though the estimate for the medal included but a single die eight were stricken to ensure equal sharpness of outline in all of the medals.

Mr. Paulding Farnham, chief designer for Tiffany and Co., who made the design for this marksmen's medal, stands very easily in the first rank of artists in this line.

The idea was to make a medal embodying at least three soldierly characteristics; truth, earnestness and dignity.

The character of the work is shown by the fact that out of about 9,000 delivered, not more than ten have thus far been returned for repairs.

The weight of opinion is that the marksmen's medal is artistically conceived, well constructed, fitted to its use, dignified and appropriate. It justifies the judgment of Gov. Flower, Gen. Whitlock and others of the staff who accepted the design. It is a credit to Mr. Farnham, the designer, and to the Messrs. Tiffany, the makers. This much it would seem proper to say for the comfort of those who have won these medals at the butt. It is ignorance and not good taste that criticizes them.

7th New York—Col. Appleton.

EVERY detail in connection with the review and reception to be held at the armory on March 29 has been arranged for in the most perfect manner, and although some 15,000 people at least will be present, the arrangements are such as to preclude any confusion or accident. Those having review tickets will be admitted by the main entrance on 4th ave., and those having invitations for the reception will come in by the entrance on Lexington ave. Those holding reception invitations, however, will not be admitted until 9.30 p. m., at the entrance stated, as with the regiment on the floor, and the guests already present, it would be impossible to accommodate so many people and manoeuvre the regiment. The review being over a large number of the guests will undoubtedly repair to the administration portion of the building, where the company and other rooms will be appropriately decorated. There will be an exit to the administration building from the drill hall on either side of the latter, while the main entrance will be wholly used for those desiring to enter the drill hall from the administration building. Some 5,000 tickets, admitting gentlemen and ladies, will be issued for the reception, and some 2,600 for the review. The regiment will parade in white trousers, dress coat, wearing white body belts and fatigue caps. Special details of men will be posted in all parts of the armory, ready for any possible emergency. These details will wear a shako and one cross belt to be distinguished from the other members of the regiment, and Surg. Stimson will have the Hospital Corps on hand to render prompt aid to any one needing medical assistance. There will be an exit also at 66th st. as well as on 4th ave. Committees of 10 privates from each company have been selected to help in the various details. Maj. Kipp is chairman of the general committee, and Lt. Underwood is chairman of the committee on music. A committee of 10 men each, from Cos. B and H, will have charge of the dancing, assisted by Sergt. Maj. Townsend. The printing and invitations will be in charge of Lt. Wilson and Adjts. Appleton and Weaver. The refreshments will be looked after by Commissary Schuyler, Commissary Sergt. Meyers and 10 men each from Cos. A and E. The house committee is in charge of Lt. Mazet, assisted by 10 men from Cos. C, D, F, G, I and K. The decorations will be in charge of Adjts. Landon, Lt. Schuyler, 1st Sergt. Towle, Sergt. Fox and Corp. Falls. Among the prominent people expected to be present are President Cleveland, Gov. Flower, Mayor Gilroy and many others. The review will be taken by Brig. Gen. Louis Fitzgerald.

Twelfth New York.—Col. Dowd.

The first rifle match between a team of five men from Co. G, 12th Regt., and one from Co. I, 23d Regt., was shot at the range of the latter command March 14, and was won by the team from Co. I after a close contest, by five points. The following are the scores of both teams:

Company I, 23d Regiment.			
	300 Yards.	500 Yards.	Avg.
Lieut. Perry	31	50	61
Sergt. Howard	27	31	58
Sergt. Middleton	22	31	51
Pvt. Dunham	20	25	53
Corp. Hoag	28	33	61
290			

Company G, 12th Regiment.			
	300 Yards.	500 Yards.	Avg.
Lieut. Harriman	29	29	58
Sergt. Reifforth	28	33	61
Pvt. Nelson	27	28	55
Pvt. Kahlg	27	29	58
Pvt. Strauss	27	31	58
235			

While the team from Co. I fairly outshot their opponents, Co. G deserve a great deal of credit for the showing they made against the crack riflemen of Co. I. Co. G was treated with every courtesy, and appreciate the attention shown them heartily. The next match will be shot at the 12th Regiment armory March 21.

14th New York.—Co. Mitchell.

Co. G, (Swedish Guard) Capt. Hargstrom, drilled at the armory on the evening of March 11, parading 26 men including guides, with the Captain and 1st Lieut. Holmberg. The company was promptly formed and turned over to the lieutenant, who acted as instructor for the fore part of the evening and proved himself a wide awake officer. Marching in column of fours and by the flank, the distances, intervals, and dress, were most correctly kept, an oblique in column of fours and a resume of the direct march, and marching the column to the rear was well done. Among the other movements most creditably executed was marching in line, fronts into line, forming column of twos and again into fours. The wheeling by fours and the turns were correctly made, and in fact there was little or no need of correction. The exercise of the manual, also demonstrated it was well instructed.

Another point worthy of note was the interest and dignified bearing of the men during the drill. There was no senseless laughing during the execution of movements as was observed among several of the members of Co. B, who were drilling at the same time. The company were divided into three squads and drilled in extended order, the Captain superintending same. In the absence of the requisite number of non-commissioned officers some of the corporals acted as sergeants, and three of the privates acted as corporals, performing their duties as squad leaders very creditably. In displaying as skirmishers, however, and in the rallies the men should show more life.

Twenty-third New York.—Colonel Smith.

In a review and parade at the armory on the evening of March 10 the regiment made its first appearance under its newly elected commandant, Col. A. C. Smith, and it can be truly said its reputation for promptness and precision of drill was fully maintained. A very large audience took up every inch of room not needed for the manoeuvres of the regiment. There were no tedious delays, and at 8 p. m. sharp assembly was sounded. Companies quickly formed, and equalized in 15 minutes.

The first of battalion formation handsomely executed, was followed by the formation of the regiment in line of masses for review by Gen. B. M. Whitlock, Gen. Inspector of Rifle Practice. The first battalion was in command of Maj. De Forest, and the second in command of Maj. Holmes.

To dwell on the details of this ceremony and the one of parade following would be useless, for the fact that it was as handsome and perfect a showing in all particulars as one could wish to see makes further comment unnecessary. For the parade such company paraded its full strength, and to the ordinary spectator who witnessed the armory floor solidly filled with members of the regiment, it must have been a revelation when this seemingly irregular mass came to attention, and moved itself with perfect ease and precision into the formation ordered. During the parade, medals for marksmanship were presented to 5 experts, 66 sharpshooters, and 678 marksmen, a total of 749, against 645 in 1892. The experts were Maj. B. De Forest, Capt. J. S. Shepherd, Lieut. E. J. Kraft, Sergt. J. A. MacKinnon, Jr., and Pvt. W. B. Willard. Co. D was presented with the brigade prize for 1893, its figure of merit being 59.09. Maj. De Forest, Capt. W. L. Candee, and Ord. Sergt. C. E. Bryant have qualified as marksmen for 19 successive years. Capt. A. A. Wells, of Co. B, was presented with the Oliver aggregate medal, awarded annually to the member of the regimental team making the biggest score on the regimental team in the State and Brigade matches. The regimental team which won the second prize in the State and Brigade matches were also presented with same and medals also.

Gen. Whitlock congratulated the regiment and all its marksmen on their success. A concert and reception followed. During the evening ex-Col. Partridge was presented with a handsome testimonial from the officers, in the shape of an album with pictures of camp life, autographs, etc.

Col. Smith has made the following appointments on his staff: Adjts. T. W. Sillocks, Adjts. (1st battalion) W. R. Willson, Quartermaster Geo. E. Hall, Comy. of Sub. R. Over, Surg. W. E. Spencer, Asst. Surg. H. L. Cochran and Asst. Surg. C. D. Napier. All these officers are reappointed. Battalion drills are ordered as follows: Cos. E and F, March 20; A and B, March 21; I and K, March 22; C and D, March 23; G and H, March 24. Major Holmes is appointed president of the regimental examining board. Meetings of the officers will be held on March 19 to select a candidate for lieutenant-colonel.

30th Separate Co., N. Y.—Capt. Hoffman.

The presentation of badges to 10 sharpshooters and 54 marksmen of the 30th Separate Co. took place at the armory, Elmira, March 8. Previous to the presentation the company tendered a review to Mayor D. C. Robinson, of Elmira. The formation was as a battalion of three companies, of 12 files, double rank, the companies being commanded by 1st Lieut. Sadler, 2d Lieut. Brown, and 1st Sergt. Hoffman. Capt. E. M. Hoffman was in command, Asst. Surg. Ritter, acting as adjutant, and Q. M. Serz. Kimball as sergeant major. The battalion made an exceedingly fine appearance. The passage in review in quick and double time was especially good. A short battalion drill was a feature of the exercises. Subsequent to the company tendered its ex-members and other guests the company entertained a large number of guests at a camp fire. Speeches were made by Mayor Robinson, Judge Taylor, Col. Baxter, Maj. Paine, and Capt. Eostein, U. S. A., and a varied programme of vocal and instrumental music filled out the evening. The 30th Separate Co. now numbers 97 men, and Capt. Hoffman expects to take a company of maximum strength to the State camp this year.

Naval Militia.

Massachusetts.—At the 15th annual scratch games of the Massachusetts Institute of Technology Athletic Club held in conjunction with the 1st Regiment A. A. at South Armory, Tuesday evening, March 10, the tug-of-war team of Co. B, 1st Regt. A. A., defeated the team of the 1st Regt. Inf. and defeated them handsomely. The composition of the teams were as follows: Co. B—Boatswain's Mate C. L. Car-

ter, Gunner's Mate D. H. Lushroe, Gunner D. F. Lushroe, Seaman E. L. Jones, P. D. Shepard, G. O. Meacon, C. E. Belcher, G. F. Cowee, W. L. Telson, J. O'Hearn, T. M. Ware, Jr., R. B. B. lies, anchor, and Lieut. C. H. Brizman, captain. 1st Regiment Team—C. H. Hicks, C. A. G. Mitchell, Co. A; A. T. Dornrose, Co. C; H. L. Smith, Co. C; J. P. Sampson, Co. D; W. H. Packard, Co. D; E. White, J. Brossan, J. M. Maxwell, G. E. Taylor and C. C. Stanchfield, Co. H; W. D. Huddleston, non-com. staff, anchor, and Lieut. H. L. Chapman, captain.

In the company team race there were seven entries, Co. B, Naval Brigade, setting second prize, the first prize going to Co. A, 2d Regt. Inf., of Worcester, whose team was virtually from the Worcester Athletic Club.

Co. B's team was composed of Q. M. W. H. Hastings, Q. M. W. S. Dodd, Coas'n A. F. Thomas and Seaman H. Dennis, and defeated teams from Co. A, D, C, G and H, 1st Regt. Inf. The prizes were solid silver and the games a great success.

New York.—The 1st Battalion, Comdr. Miller, will be reviewed on the U. S. S. *New Hampshire* on the evening of Feb. 20, by Adjts. Gen. Porter. They will also drill as a ship's company.

North Carolina.—Adjts. Gen. Cameron has promulgated the act establishing a naval battalion of the North Carolina State Guard, which is to consist of not more than eight divisions, divided into not more than two battalions, each commanded by a commander, with a lieutenant commander as executive officer, and a lieutenant as navigator and ordnance officer. A battalion of less than four divisions shall be commanded by a lieutenant commander, with a lieutenant as executive officer, navigator and ordnance officer. Each division shall be commanded by a lieutenant, and shall contain one lieutenant, junior grade, one ensign and 35 privates enlisted men as a minimum, and 75 privates officers and enlisted men as a maximum. To each division there may also be added eight others who shall have a practical knowledge of electricity, or of the management of steam machinery. The commanding officer of each battalion shall have power to appoint a staff. The system of discipline shall conform generally to that of the Navy of the U. S., and as closely to that of the land forces of this State as the difference in the two Services will allow. The A. G. on March 10 announced that the divisions of the Naval Battalion have the same rights with reference to the annual appropriation of \$250 as the other companies of the State Guard. Hereafter this appropriation will be distributed in December of each year to such companies and divisions as comply with the laws and regulations and are recommended by the Inspector General.

(Correspondence of the Army and Navy Journal.)

LEGISLATION AT ALBANY.

ALBANY, March 7, 1894.

A NUMBER of appropriations for armories of the National Guard have been introduced in the Legislature since the last letter in this correspondence was printed. They are as follows: Auburn, \$28,000 for buying additional land and enlarging the drill room; Walton, \$32,000 for land and repairing and reconstructing the building; Birmingham, \$15,000 to complete repairs; 47th Regiment, \$300,000 for enlarging the drill room; Cobles, \$6,000 for completion; 2d Regiment (at the expense of the City of Brooklyn), \$5,000 for completion. An appropriation of \$3,000 has been introduced for the expenses of such battery of the National Guard as the adjutant-general may order into camp upon the march for field exercises during the present year. Another bill discharges Erie County from liability to the State for the expenses of the National Guard on account of the strike in 1892.

Two bills seek to amend the Military Code. The first extends the provisions of section 17 to troops and batteries, and section 60 to the same and separate companies. The second amends section 120 so that "Each enlisted man who has served a full term of enlistment shall be entitled to additional pay at the rate of twenty-five cents per day during the second five years of his service and a further addition of twenty-five cents per day for each succeeding five years of service; also providing that when on duty or assembled therefor in case of riot, tumult, breach of peace, insurrection or invasion, or whenever called in aid of the civil authorities, commissioned officers shall be entitled to and shall receive, the same pay and allowances as commissioned officers of the Regular Army of the United States of equal grade and term of service." Section 123 is amended so that the treasurer of a county, or the Comptroller of New York City, must issue certificates of indebtedness, if necessary, to pay for the subsistence and transportation of the National Guard when called in aid of the civil authorities.

An amendment to the charter of the Soldiers' Home, at Bath, seeks to open that institution to the wives, widows and dependent mothers of soldiers and sailors, and to make six additional trustees, of whom two shall be women. Another bill lays a fine or imprisonment, or both, on any person who wears unlawfully the badge of the Union Veterans' Legion. An appropriation of \$2,500 is asked for a monument to the 8th N. Y. Regiment at Antietam, and \$31,000 to complete a similar work at Chattanooga, Lookout Mountain and Missionary Ridge.

The heroes of the Revolutionary War also come in for a share. An appropriation of \$25,000 is asked for the erection of a statue to Gen. Steuben, in Dutch Steuben County; also one of \$15,000 for the monument to Gen. Herkimer in Herkimer County. Another bill authorizes the City of New York to erect a monument in Battery Park in honor of the evacuation by the British in 1783.

CHURCH PARADE OF THE 69TH.

Major Duffy, 69th Battalion, N. Y., directs the battalion to parade for divine service at St. Patrick's Cathedral on Saturday, March 17. Assembly at the armory at 8.30 A. M., sharp. Company drills by squad will hereafter be dispensed with, and the several companies will at once take up the drill in extended order. The competition for the prizes presented to the battalion by Capt. John J. Ryan, will be held in the armory rifle range as follows: Co. A on each Tuesday, K on each Wednesday, D on each Monday, G on each Friday, and I on each Thursday. Each company will practice not less than 20 men on each occasion, and the competitions will be held under the supervision of Lieut. Edw. T. McCrystal, Co. K, who is detailed as acting inspector of rifle practice. Co. L, Capt. Healy, was drilling at the armory on March 13 in extended order, the instruction being carefully supervised by Capt. Healy and Adjts. Spellman. The company was divided into three squads and executed the movements with vim and intelligence. The squad leaders were well posted and the men readily understood the signals and obeyed them with alacrity and without the slightest confusion. Actg. Adjts. Spellman has been appointed adjutant. The organization of a new company under Lt. O'Brien is progressing favorably. Over 60 men have signed enlistment papers for five years.

(Correspondence of the Army and Navy Journal.)

ILLINOIS.

An election to fill the vacancy created in the 1st Infantry by the promotion of Lieut.-Col. Turner was held at the armory on the evening of March 5, resulting in the unanimous choice of ex-Maj. George Vesly Lauman. The selection of this officer is along the line of the recent promotions in the Chicago commands and re-enlist the active efforts of one who adds to a brilliant record as a Guardsman a reputation as an accomplished gentleman at all times and under all circumstances. Lieut. Col. Lauman is the son of the late Maj. Gen. Jacob G. Lauman, U. S. V., and is a companion by inheritance of the Illinois Commandery of the Loyal Legion, a compatriot of the Illinois Society of the Sons of the American Revolution, a Sir Knight St. Bernard Commandery, K. T., a member of the Caucase Club and of the Marguerite Club, of which he was twice elected president. For some years he has been a member of the law firm of Lauman and

Laurel, of Chicago, and has been from time to time actively identified with public interests.

The completion of the new armory at Aurora and the removal thereof of the headquarters of the 3d Brigade was signalized by a reception tendered by the brigade commander and staff to the Governor, the Adjutant-General, and the general and field officers of the 1st and 3d Brigades.

A dainty supper was served by the ladies of the Episcopal Church and discussed by several hundred guests. Dancing in the assembly room followed.

The host of the evening, Gen. Welch, and staff are as follows: Lieut. Col. Walter S. Frazier, Jr., Jacob H. Plain, Ira Clifton Copley and Wm. O. Wright, Maj. C. C. Carter, Capt. Fred Fauth and David A. Belden, 1st Lieut. Wm. J. Reynolds and Edmund M. Allen.

Gen. Alfred Orndorff, adjt.-general; Col. Nicholas Senn, surgeon-general, and several of his aides represented the Commander-in-Chief. 1st Lieut. David J. Baker, Jr., U. S. Army, on duty with the troops of Illinois, was present and was made the guest of everybody. When the time comes that we must part with him we want another just like him.

CONNECTICUT.

We have received a copy of the annual report of Adj. Gen. Bradley, of Connecticut, for the year ending Nov. 30, 1893.

The strength of the National Guard is 2,759 officers and men, a net loss of 17 during the year. The services of Capt. W. H. C. Bowen, 8th U. S. Infantry, are commended, and "it was with regret," says Gen. Bradley, "that the Connecticut National Guard learned of the termination of his detail on June 26 last. If it is to be the policy of the War Department to cancel details, and order regular officers to their posts on such short notice, and when they are in the midst of important work for the State, as was the case with Capt. Bowen, it will have a tendency to discourage States from doing so."

Regular Army officers in connection with their National Guards. The total expenses of the National Guard for the year ending Sept. 30, 1893, were \$133,910.93, or about \$49 per capita. In conclusion Gen. Bradley says: "I deem it only fair to say that, in my opinion, no National Guard in the Union has more competent, experienced and zealous officers than that of Connecticut."

VERMONT.

On Feb. 27 and 28 the customary winter school for officers of the Vermont National Guard was held in Burlington. The sessions of the school was devoted to papers on and the discussion of military subjects. Incidental to the school the officers visited Fort Stan Allen. A special train was chartered by the citizens of Burlington to take the officers to the fort. Brig. Gen. Estey made a short address, stating the objects of the school and what was expected of the officers. Gen. T. S. Peck welcomed the officers to the Queen City. Lt. E. E. Hardin, 7th U. S. Inf., spoke briefly; Col. C. C. K. read a paper upon the practical management of a company of the National Guard; Capt. H. E. Tuthery, 1st U. S. Cav., followed with a paper upon customs of the Regular Service applicable to the National Guard and practical soldiering in the field. At the session of Feb. 28 infantry officers drilled, armed and equipped as privates, and artillery officers drilled as gun detachments. Officers were drilled in sword manual, guard mounting, etc. Maj. C. E. Nelson read a paper on target practice and Brig. Gen. Greenleaf on street fighting and how to prevent riots. Capt. Tuthery spoke on advanced guards, outposts, and extended order fighting, and Surg. Jeune read one on field hygiene and early aid to the injured. A reception was held at the Algonquin Club in the evening.

IOWA NATIONAL GUARD.

2d Lieut. Harry E. Wilkins, 2d U. S. Infantry, has reported to the Adjutant General's Office of Iowa for service with the National Guard of that State and assigned to duty on the staff of the Commander-in-Chief as Assistant Inspector General, with rank of colonel, to date from March 1, 1894.

Adj. Gen. Prime, of Iowa, announces that the annual inspection of all companies and regimental bands of the Iowa National Guard at their company stations is ordered to be held on such dates as may be designated to each company in subsequent special orders. Inspections will be most thorough, with a view to determining the proficiency of officers and non-commissioned officers, the facilities for and manner of caring for State property, and to what degree each company is prepared for active and immediate service.

COMING EVENTS.

March 20.—Review of 1st Naval Battalion, N. Y., on the New Hampshire.
March 26.—Concert, drill and reception, Co. B, 14th N. Y., at armory.
March 28.—Review of 22d N. Y., at armory.
March 28.—Drill and reception, Co. B, 14th N. Y., at armory.
March 29.—Entertainment and ball, Co. I, 1st N. Y., at Central Opera House.
March 29.—Review and celebration, 7th N. Y., at armory.
March 29.—Smoker, Co. B, 8th Battalion, N. Y.
April 3.—Review of 13th N. Y. by Gen. McLeer.
April 3.—Stag of Co. G, 12th N. Y., at armory.
April 7.—Athletic games, 23d N. Y., at armory.
April 7.—Vaudeville entertainment, Co. B, 22d N. Y., at armory.
April 7.—Athletic games of 7th N. Y. at armory.
April 10.—Drill and reception, Co. G, 12th N. Y., at armory.

April 11.—Reception of Co. B, 4th N. J., at Hasbrouck Hall, Jersey City.

April 11.—Dramatic entertainment Co. C, 71st N. Y., at Lexington Avenue Opera House.

April 12.—Athletic games, 22d N. Y., at armory.

April 18.—Entertainment and reception, Co. D, 12th N. Y., at Lenox Lyceum, N. Y. City.

April 18.—Calico hop, 1st Battery, N. Y., at armory.

April 19.—Annual dinner, 7th Regiment Veterans.

April 23.—Review of 13th N. Y.

April 23.—Review of 8th Battalion, N. Y.

May 23.—Anniversary dinner of Co. C, 22d N. Y., at Arena.

VARIOUS.

Col. Camp, 22d N. Y., has tendered a review of the regiment to Adjt. Gen. Porter on Easter Monday.

A reception will be given by Co. B, 4th Regt., N. G. S. N. J., at Hasbrouck Hall, cor. Harrison and Crescent Aves., Jersey City, April 11.

The Newport Artillery Co. and the Naval Reserve Torpedo Co. are to be inspected by Capt. Woolley, U. S. A., Wednesday, March 14.

The Newport, Rhode Island, Armory Commission have accepted plans for a new armory for Co. B and the Naval Reserve Torpedo Company.

Major Henry Chauncey, 8th Battalion, has offered a silver cup for competition among teams of 12 men each from the different companies of the battalion.

Co. K, 4th Regiment (Gaston Riflemen, Gastonia), having failed to comply with the laws and regulations of the State Guard, is disbanded, and the commissions of the officers of the company are revoked, by G. O. No. 4, March 10, State of North Carolina, A. G. O.

The new quarters for the Signal Corps, 1st Brigade, N. Y., in the new armory of the 71st Regiment, are on the mezzanine floor and are said to be very handsome. The opening day will probably be April 14. The corps is practicing its signal work regularly and riding and surgical work as well.

Co. A, 23d N. Y., will hold a drill and reception at the armory on March 28. Capt. H. C. Brown, I. R. P., has resigned. He was most thorough and earnest in his duties and was recognized as one of the most efficient inspectors of rifle practice in the Guard. He first joined the regiment in 1872.

Some time since we quoted an article from the Kansas City Times referring to Stephen O. Tripp as late a bandman in the Army and colonel of a regiment of the Illinois National Guard. A correspondent sends us a letter from the General Inspector of Rifle Practice, Illinois N. G., in which we are informed that Mr. Tripp is not Chief of Police of Peoria, and that he is no longer connected with the National Guard and never held the rank of colonel in it.

Members of the New York Guard who visit the Creedmoor rifle range this year, will be agreeably surprised to see a new house in the place of the dilapidated old structure which has been on the range for some years. The new structure will contain many conveniences which will greatly help the conduct of rifle practice, and it is an improvement which Gen. Whitlock has desired to see realized ever since he assumed the office of General Inspector of Rifle Practice.

Troop A, of New York, Capt. Roe, will now take up dismounted drills and carbine practice. In order that the troop may be brought together as a whole, and also to receive instruction preparatory to camp this coming summer, there will be one drill per week of the entire troop, beginning Tuesday, April 3. Sergt. L. G. Reed has made the highest score in rifle practice during the season 1893, and Sergt. A. M. Jacobus the highest average score. The prize offered by Capt. Roe for pistol shooting has been won by Sergeant Jacobus.

If the unformed scribe, who published an item to the effect that the Athletic Club of the 12th N. Y. would hold a meeting on March 12 over its own concern, had been present, he would have realized there was more vigor left than he had an idea of. The advisability of holding spring games was discussed, and it was thought advisable to abandon the idea and start in early for the fall games and introduce some new features. Efforts are to be made to have a larger representation from the regiment in the club, especially from the commissioned officers. At the annual meeting to be held in May next it is hoped this may be brought about, and a committee has been appointed to confer with the officers with this object in view. There will be another review of the regiment and presentation of marksmen's badges the latter part of the present month or early in April.

(Correspondence of the Army and Navy Journal.)

FORT MYER, VA.

MANY interested spectators were present at the cavalry drill at Fort Myer on Friday, March 9. Among others, Gen. Fitzhugh Lee, who was much pleased with the fine drill he had observed, and others were entertained after the drill at Mrs. Henry's. Troop H showed much skill, drilling with saddles, with girths removed, giving evidence of careful teachings in this difficult part, much more difficult than barebacking. The drill of all the troops was most excellent and commendable. On Monday Mr. Austin Wadsworth, of the Genesee, N. Y., Valley Hunt, Dr. Casey and Mr. Ramsey, of Buffalo, N. Y., and Lieut. Edwards, Williams and Blunt, of the Military Information Bureau, were present at the drill. All being homesick, expressed themselves as delighted with the drill and the instruction of the troopers. Lieut. Blunt has traveled abroad and said our men were the best he had seen.

Military Order of the Loyal Legion.

A special meeting of the Pennsylvania Commandery was held at the Union League Club, Philadelphia, March 14, at which Capt. H. C. Potter read a paper entitled "Personal Experiences of a Prisoner of War." A reception to the sons and successors of the companions and then a supper followed. Both were pleasant occasions. Lieut. Charles W. Ruschenberger, U. S. Navy, was chairman of the Committee of Reception.

ANSWERS TO CORRESPONDENTS.

Observer.—General Orders 34, A. G. O., 1893, and accompanying manual, give full information as to the Signal Codes of the U. S. Army and Navy.

S. C. E.—You cannot claim your discharge by purchase as a right, but if the circumstances warrant, doubtless it will be granted you on proper application.

S. C. R.—Major Throckmorton receives three-fourths of the pay of his grade, after retirement, not two-thirds.

J. A. B.—Doubtless your claim for pension for service in the Navy during the war will, if properly presented, be allowed.

A Constant Reader.—Does a soldier forfeit his retained pay in any other way except by desertion? **Ans.**—Yes. Read par 1503, Army Regulations and its amendments.

J. M. J. asks the weight of gun and of bayonet now being made for the Army? **Ans.**—Weight of rifle is 9 lbs. 7 oz.; bayonet, 15½ oz. See also answer in issue of Feb. 3, page 401.

W. R. asks: In which Congressional district is 147 West 81st street, between 9th and 10th avenues, and when will it be open for an appointment to Annapolis? **Ans.**—The 15th Congressional District, and there will be a vacancy in 1895.

R. O. C.—The author of "With Farragut on the Hartford," now being published in *Blue and Gray*, "Union Jack," is Capt. H. D. Smith, U. S. Revenue Cutter Service, in command of the *Morrill* at Charleston, S. C. His name was given in the March issue, and the series will be concluded in May.

Private asks: In preparing muster rolls, is the column "last paid" supposed to show the last payment made by paymaster? **Ans.**—Yes; the muster roll commencing Dec. 31, 1893, and ending Feb. 28, 1894, is it right to enter in column "last paid," Dec. 31, 1893, when in reality the troops were paid to include Jan. 31, 1894? **Ans.**—The entry under "Last Paid" in such case should read Feb. 28, 1894.

J. M. asks: Can a man having served only a part of his enlistment in the National Guard enlist in the Regular Army? **Ans.**—Yes; he could enlist in the Regular Army without mentioning his National Guard status, but the best and manly way would be to state his case to his captain, who would doubtless take measures to let him leave his militia service in an honorable manner.

A Captain's Son asks where he can purchase a book named "Condensed History of the United States," edited by Lieut. Chas. Braden, and price? **Ans.**—Address Lieut. Chas. Braden West Point, N. Y. Lt. Braden also publishes a geography which saves much valuable time to boys who must prepare for examination on short notice. The price of the history is 25 cents and of the geography 50 cents.

Reader asks: Can a transfer be effected from the line to the Army Service Men of Q. M. D., at West Point? **Ans.**—Yes, or a discharge from line with permission to enlist in Army Service Detachment. Apply to the Adjutant General through your company commander, and if the endorsements of your immediate commanders are favorable your wish may be realized, especially if you are an "all round handy man."

Presidio asks: 1. What improvements for the enlisted men of the Army have been made during the past six years? **Ans.**—Lack of space precludes a detailed answer, but read the columns of the *Army and Navy Journal* for the period in question and you will find full information.

2. How many Indian companies are there in the U. S. Army? **Ans.**—Fifteen—six of cavalry and nine of infantry. But some of these are dwindling.

Corporal asks: How can I become a gunner in the U. S. Navy, and what is his pay? **Ans.**—You would have to work your way up and show special aptitude in the drill and routine of the naval service, with a special knowledge of ordnance. You would first have to serve as seaman and then as seaman gunner. The Navy Regulations provide that every seaman of good standing, conversant with the duties aboard ship, and who shows a thorough knowledge of ordnance and is able to instruct others, shall be rated as a seaman gunner. The Regulations also provide that, as far as practicable, each class of petty officers shall be recruited from the next lower class, and they shall be advanced one class at a time. No person can enlist as an ordinary seaman unless he shall have served two years at sea, except an honorably discharged apprentice. Nor can any landsman be enlisted over 25 years of age unless he possesses a mechanical trade, and after 35 he cannot enlist at all. The pay of gunner varies with terms of service. The first three years the pay at sea is \$1,300, ashore \$900, and on leave or waiting orders \$700.

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Hosp. Corps ask: How many of the candidates who passed in the last class for promotion to Acting Hospital Steward have not been detailed, and what is the prospect of their appointment? **Ans.**—All have been detailed. Probably no appointments will be made for some time.

(For the Army and Navy Journal.)
ST. PATRICK'S DAY.

To our comrades of Irish birth or descent, than whom the American Army has no kinder men or braver soldiers.

'Tis "Wearing of the Green" to-day:
With many a flag in emerald splendor
Outstreaming 'neath the March sky gray,
Whose cloudy curtains drift asunder
When bursts the eager sunbeams through,
To kiss its staff and crown with glory,
Banner as brave as ever flew
O'er blazing guns and sabres gory.

On Blenheim field it flaunted high,
O'er old Cremona's gates it glittered,
Like lightning flared at Fontenoy
And Britain's pride of arms was shattered;
Then—stormy petrel of the wars!—
Across the Western waves it turned,
And fluttering with the stripes and Stars
In old-time, martial lustre burned.

Fill high your glasses! comrades mine,
And while we toast the war-worn banner
Let memory's softened radiance shine
On Erin's homesteads, cot and manor;
And on the loved ones far away,
By ferny glen and heathered highland,
May God be with them! all, to-day,
From Mizen Head to Rathlin Island.

By ocean's surges girdled round,
From glistering beach to mountain boary,
Each crumbling tower and grassy mound
On history's page has left its story:
With rivers bright and groves of green,
The blue skies bending to caress it,
And hills and winding vales between—
Sweet little Innisfail!—God bless it.

—W. STOKES, Bat. G, 1st Artillery, B.

(Correspondence of the Army and Navy Journal.)
FORT MONROE, VA.

MARCH 13, 1894.

COLONEL MARCUS P. MILLER, 5th Art., who has been suffering for some past from rheumatism, left the post March 7, on a month's sick leave, and will enter the Army and Navy General Hospital, at Hot Springs, Ark., for treatment.

Mrs. Frank, wife of the commandant, gave a lunch on March 8, in honor of Mrs. Chas. Bird, wife of Col. Bird.

A. Q. M. Mrs. Bird has been spending a few days at the post. They are now stationed at Columbus Bks., Ohio.

Mrs. Sackett, wife of Gen. Sackett, and her daughter, are guests at the Hygeia Hotel, and are having their visit made pleasant by their friends at the post.

Miss Carrie Story entertained the young ladies of the post at a tea on last Tuesday, and on Thursday gave a lunch in honor of Mrs. Sackett.

Mrs. Burrows is visiting her parents at the post, Capt. and Mrs. Ingalls. Mrs. Burrows has her little daughter with her.

Miss Edith Pennington, daughter of Col. Pennington, 4th Art., the Inspector of Artillery at Department Headquarters, is visiting friends at the post. Miss Pennington was warmly welcomed by her friends here, where all of Col. Pennington's family were universal favorites when stationed at the post some two years ago.

Major Tucker, paymaster, arrived at the post March 9, and paid off the command on the rolls for February.

Lieut. Col. Wm. Cary Sanger, Assistant Chief of Artillery, N. G. S. N. Y., is again at the post pursuing his labors of inspecting the methods of instruction given to artillery students at this post. This is a great opportunity for him as just now the gunnery competitions are taking place, the courses in chemistry and explosives and electricity and mines are in operation, and the school for non-commissioned officers holds its sessions every day. If there is anything to be learned here, and the Colonel thinks there is very much, this is the time, and as every facility is given him by the commandant and instructors, his visit is sure to be profitable, and the artillery of the National Guard of his State will have something more than the usual routine to occupy their time when he returns to his duties with his troops.

Capt. R. W. Johnson, assistant surgeon, reported at the post on March 10, for temporary duty during the absence on a month's leave of Dr. K. B. Ball, assistant surgeon.

Mrs. Louis Hastings, the wife of the late Sergt. Hastings, of the Artillery School Band, who was drowned last November, received a check yesterday for \$1,000, the amount of insurance carried by her husband in the Ancient Order of United Workmen. This order is for the families of its members after death, and not entirely in the interest of the corporation, as is the case of the average life insurance company.

Prof. Pray gave a very interesting performance in the theatre room of the post last night, consisting of slight of hand and other seemingly impossible feats, at which a large audience was present.

The singing club of the post, composed of many of the officers and ladies of the garrison, will give an entertainment at Mrs. M. Seely's to-morrow night.

The engagement of **Miss Dixie Belt**, daughter of Mrs. and Hon. S. W. Geo. D. Belt, to Mr. Chas. H. O'Bary, of Fort Monroe, is announced.

(Correspondence of the Army and Navy Journal.)

FORT SNEELING.

The past few weeks have been devoted to entertaining the bride and groom, Mr. and Mrs. Moore. Mr. and Mrs. Jagger gave a delightful card party for them at the Albion

in St. Paul, on the evening of Feb. 8. Those present from the post were Mr. and Mrs. Moore, Mr. and Mrs. Kennedy, Mr. and Mrs. Murray, the Misses Hale, W. L. Wilson, M. W. Davis, and Gerlach, Lieut. Wolfe, Reese, Smith, Houle, Edwards, Bacon and Dwyer.

Capt. and Mrs. Williams and Mr. and Mrs. Fremont both gave card parties last week.

Mr. and Mrs. Kennedy and Mr. and Mrs. Murray entertained the entire garrison Tuesday night.

After the usual Friday night concert and informal hop of this week Mr. and Mrs. Butler gave a supper.

Col. and Mrs. Jewett arrived Tuesday morning to visit their daughters, Mrs. Kennedy and Mrs. Murray.

Lieut. and Mrs. Avery are expected home next week.

OUTSIDER.

Don't fool with indigestion. Take Beecham's Pills.

Forty years in the market with a constant increase in sales tells the tale for Cook's Extra Dry Imperial Champagne.

BIRTHS.

ANDREWS.—At New York City, March 4, to the wife of Mr. A. D. Andrews, formerly of the U. S. Army, and son-in-law of Major-General John M. Schofield, a son.

DIED.

DALE.—At Chicago, Ill., March 1, Mrs. E. H. DALE, sister of General S. B. Holabird, U. S. Army.

DICKINSON.—At Saranac Lake, N. Y., Saturday, March 10, EDWARD PAUL DICKINSON, son-in-law of Colonel Ludor, U. S. A. Interned, March 13, at Wildwood Cemetery, Williamsport, Pa.

DUNBAR.—At Colorado Springs, Friday, March 9, GRACE EHNINGER, youngest daughter of Cornelia A. and the late James M. Dunbar. Funeral services will be held at the residence of her brother-in-law, Charles W. Case, 34 West 48th street, Wednesday, March 14, at 10:30 o'clock.

FLOYD.—At Indianapolis, Ind., March 10, Captain DANIEL H. FLOYD, Assistant Quartermaster, U. S. Army.

HAMLET.—At Boston, Mass., March 13, HELEN BEATRICE, 11 years 8 months and 23 days, daughter of Lieutenant and Mrs. O. C. Hamlet, U. S. Revenue Cutter Service.

HYDE.—At Washington, D. C., March 5, ELLEN ADAIR, wife of Thomas Hyde, Jr., and daughter of General Christopher C. Augur, U. S. Army.

MURPHY.—At 45 Jay Street, New York City, March 12, Sergeant ANDREW MURPHY, retired, formerly Sergeant, Co. G, 9th U. S. Infantry.

PADDOCK.—Entered into life eternal, at Miramar, Santa Barbara, Cal., March 4, the right Rev. JOHN ADAMS PADDOCK, D.D., father of the wife of Lieutenant A. L. Mills, 1st U. S. Cavalry.

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PROPOSALS FOR SUBSISTENCE SUPPLIES.—Office Purchasing Commissary: Subsistence, Army Building, No. 39 Whitehall Street, New York City, March 10, 1894.

Said proposals, in triplicate, subject to the usual conditions, will be received at this office, until 11 o'clock A. M., on Tuesday, April 10, 1894, for furnishing such supplies as may be required by the Subsistence Department, United States Army, delivered in New York City.

Subsistence Stores—Viz: Beans, Rice, Coffee, Tea, Sugar, Candles, Soap, Pepper, Yeast Powder, Baking, Baking, Brooms, Whisk, Brushes, Buttons, collars, Canned articles, Chocolate, Envelopes, Flavoring Extracts, Gelatine, Hack robes, Oil, Olive, Paper, Pickles, Pipes, razorwood, Razor straps, Salt, Soap, toilet, Soups, Spices, Tapioca, Thread cotton and silk spools, Tobacco, Towels, etc., etc. Information in schedule list. Preference given to all articles of domestic production and manufacture.

For such details see schedule. Information with conditions, list of articles, quantities, kind, modes of packing, etc., obtained at this office. The right is reserved to reject any or all proposals. Envelopes containing bids should be marked "Proposals for Subsistence Supplies," opened April 10, 1894, and addressed to the undersigned.

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